NEW INDUSTRIAL AIR TOOLS 1971

AIR TOOLS

MICHIGAN PNEUMATIC TOOL, INC

10650 CLOVERDALE • DETROIT, MICHIGAN 48204 • AREA CODE 313 WE 3-5890

WE 3-5890

MICHIGAN PNEUMATIC TOOL COMPANY

10666 CLOVERDALE • DETROIT 4, MICH.

Dear Customer:

We are happy to present our newly completed catalog. This 1971 edition has been carefully compiled to inform you of our wide selection of tools and discount prices. In addition to our quality tools with which you are already familiar, we have added the latest pneumatic models on the market.

We stock a tremendous variety of tools. Replacement parts are available for each tool and we will give you expert repair service and immediate delivery. Every customer is important to us.

All of our products are covered by our unconditional money-back guarantee. We take special pride in our selection of tools and service. Thirty years of experience and know-how stand behind every sale.

Yours truly,

MICHIGAN PNEUMATIC TOOL, INC.

IRVING WINE
President

THOMAS VIEDER, Sales Manager
RUTH GILBERT, Credit Department

MICHIGAN PNEUMATIC STRETCHES YOUR AIR TOOL BUYING POWER

Modern Machines and methods coupled with tremendous buying power assures you of always getting more for your money at Michigan Pneumatic.

Gigantic savings in terms of 'Dollars and Cents' is just part of the Michigan Pneumatic story. First. . .You save time because you shop and compare the advantages of various tools at your convenience. You choose only the tools best suited to your needs and budget. Second. . .You buy with complete confidence because each and every tool is completely guaranteed.

Remember. . .You always get more for your money from Michigan Pneumatic.

TERMS

- Net 10 days
- F.O.B. our plant, Detroit
- Minimum Billing $10.00

CONDITIONS

- Tools may be returned prepaid for full credit or refund providing they are in new condition.
- Prices are subject to change without prior notice.

PLANT HOURS:

Monday thru Friday	9:00 a.m.–6:00 p.m.
Saturday	9:00 a.m.–4:00 p.m.

WARRANTY

Every Michigan Pneumatic product is thoroughly tested and inspected before it leaves our factory. Should it fail to give satisfactory service, return the complete product to Michigan Pneumatic with transportation charges pre-paid. We guarantee to replace free of charge any part or parts found by us to be defective due to faulty material or workmanship, provided repairs have not been made or attempted by others. This guarantee does not cover damages caused by misuse, negligent handling, or normal wear and tear. No other guarantee, written or verbal, on our products is authorized by us.

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From our factory in Japan, comes the highest quality new tools at used tool prices . . . plus a 90 day guarantee and prompt service.

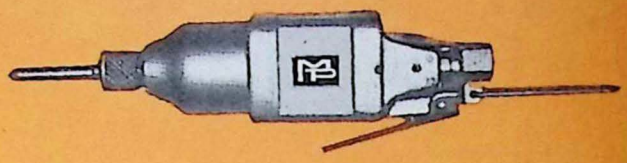
Printed in USA THIS CATALOGUE SUPERSEDES ALL PREVIOUS CATALOGUES Copyright 1970

Reversible Screwdrivers

MICHIGAN PNEUMATIC MODEL MP B33-RN SCREWDRIVER

This Lightweight Screwdriver gives you that extra power with a new impact mechanism. It consists a built in power regulator and a six step power control.

WT..... 2.4 lbs.	Screw Cap..... 1/4"
Length .... 7-9/32"	Air Inlet Thread .... 1/4 P.T.
R.P.M. 7000	Hose Size ..... 3/8"



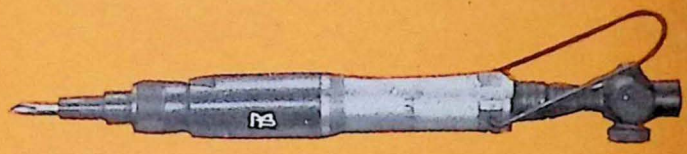
$130.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC MODEL MP 3 SCREWDRIVER

Modern and Lightweight, these screwdrivers are ideal for Production use. Easily maneuverable and compact.

WT..... 1.1 lbs.	Spindle Offset..... 17/32"
Length ..... 6-5/8"	Screw Cap..... 1/8"
R.P.M. 10,000	Air Inlet Thread... 1/8" P.T.
Hose Size .... 1/4"	



$140.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC MODEL MP 4 SCREWDRIVER

Modern and Lightweight, these screwdrivers are ideal for Production use. Easily maneuverable and compact.

WT. ..... 1.3 lbs.	Spindle Offset ..... 5/8"
Length .... 7-3/32"	Screw Cap. ..... 1/8"
R.P.M. 10,000	Air Inlet Thread... 1/8" P.T.
Hose Size ..... 1/4"	

$150.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC MODEL MP 5 SCREWDRIVER

Modern and Lightweight, these screwdrivers are ideal for Production use. Easily maneuverable and compact.

WT. ..... 1.8 lbs.	Spindle Offset ..... 3/4"
Length ..... 7-7/8"	Screw Cap..... 1/8"
R.P.M. 10,000	Air Inlet Thread... 1/8" P.T.
Hose Size ..... 1/4"	

$160.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC MODEL MP 6 REVERSIBLE TAPPER

This Air Tapper is a trouble-free, lightweight unit.

WT..... 3.3 lbs.	Hose Size .....3/8"
Length ..... 8-1/4"	Air. Cons. Per
R.P.M. Left .. 2100	Min. ..... 16 ft.^{3}
Right . 2100	Tap Cap. .....1/4"

$165.00

OTHER MANUFACTURER'S LIST PRICE $250.00

Reversible Screwdrivers

MICHIGAN PNEUMATIC **MODEL B 3010 RS**

SCREW DRIVER

This tool has an impact mechanism which gives you extra power. Reversible with direct drive. ¼ inch screw capacity.

WEIGHT	3 LBS.	RPM	7000
LENGTH	6-3/8 IN.	SCREW CAP.	1/4 IN.

$130.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC **MODEL B3010-S**

SCREW DRIVER

Modern inside and out, these lightweight and compact Screwdrivers will bring new work output and economy to your assembly operations. Reversible with Torque control, 1/8 inch screw cap Torque adjustment from 0.15 to 2.2 foot lbs. Adjustable Clutch.

WEIGHT	1¾ LBS.	RPM	2100
LENGTH	9 IN.	SCREW CAP.	1/8 IN.

$150.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC **MODEL B3030-S**

SCREW DRIVER

These Screwdrivers pack unequaled power into the most compact screwdriver design you've ever held in your hand . . . yet are so quiet running you'll be amazed by their full power performance.

Reversible with Torque control. 3/8 inch Screw cap., Torque adjustment from 0.2 to 4 foot lbs. Adjustable Clutch.

WEIGHT	2½ LBS.	RPM	1500
LENGTH	10 IN.	SCREW CAP.	3/8 IN.

$160.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC **MODEL B30P**

SCREWDRIVER

This tool gives full power performance with hardly any maintenance. It is economical, quiet running, and unequalled in power.

Reversible with Torque control. 1/8 inch Screw Cap., Torque adjustment from 0.15 to 2.2 foot pounds. Adjustable Clutch.

WEIGHT	2½ LBS.	RPM	2100
LENGTH	9 IN.	SCREW CAP.	1/8 IN.

$160.00

OTHER MANUFACTURER'S LIST PRICE $220.00

MICHIGAN PNEUMATIC **MODEL B40P**

SCREWDRIVER

This tool gives full power performance with hardly any maintenance. It is economical, quiet running, and unequalled in power.

Reversible with Torque control, 3/8 inch Screw Cap., Torque adjustment from 0.2 to 4 foot pounds. Adjustable Clutch.

WEIGHT	3 LBS.	RPM	1500
LENGTH	9½ IN.	SCREW CAP.	3/8 IN

$170.00

OTHER MANUFACTURER'S LIST PRICE $220.00

Rotary Die Grinders

MODEL 8000⅛" – 9000¼"

HANDEE AIR GRINDER

- Rugged Construction
- Efficient, Compact Design
- Easy to Handle
- Low Cost
- Attractive Appearance
- 90 Day Guarantee against defective parts and workmanship
- Excellent for both intermittent and continuous grinding
- Made in U.S.A.

$35.00

Weight..... 11 Ounces
Length ..... 5 Inches
RPM ....17,500 @ 90 p.s.i.

Please Specify:
1/4" Capacity Chuck
1/8" Capacity Chuck

OTHER MANUFACTURER'S LIST PRICE $39.95

MODEL B70000A/ B71000A

DIE GRINDER

High Speed Baby Grinders are small, lightweight, yet powerful grinders, specially developed by our designers to meet the increasing demand for high speed grinders with resinoid wheels. Backed by our long experience and exclusive techniques, these Baby Grinders can not only do far heavier grinding, but increase productivity far beyond the level hitherto possible with similar grinders carrying vitrified wheels.

$70.00

Weight..... 1-1/2 Pounds
Length ..... 6 Inches
RPM 20,000

Please Specify:
1/4" Collet
1/8" Collet

OTHER MANUFACTURER'S LIST PRICE $115.00

MODEL B22000A/ B23000A

DIE GRINDER

This Vane Type 1/2" high-speed straight grinder meets all the requirements for sanding in aluminum, plastic and brass. Light in weight and compactness makes it an exceptional desirable straight grinder. Has a built-in speed regulator, thus controlling the power and speed. Designed for continuous production use. Has hardened end plates, assuring long tool life. Button or Lever throttle optional.

$75.00

Weight..... 2 Pounds
Length ..... 8 Inches
RPM 20,000

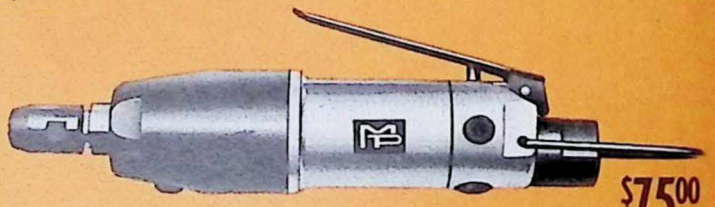
Please Specify:
1/4" Collet
1/8" Collet
Button or Lever

OTHER MANUFACTURER'S LIST PRICE $115.00

MODEL B000-1

DIE GRINDER

High Speed Baby Grinders are small, lightweight, yet powerful grinders, specially developed by our designers to meet the increasing demand for high speed grinders with resinoid wheels. Backed by our long experience and exclusive techniques, these Baby Grinders can not only do far heavier grinding, but increase productivity far beyond the level hitherto possible with similar grinders carrying vitrified wheels. Baby Grinders are both easy and safe to operate.



$75.00

Weight..... 2 Pounds
Length ..... 7 Inches
RPM 20,000

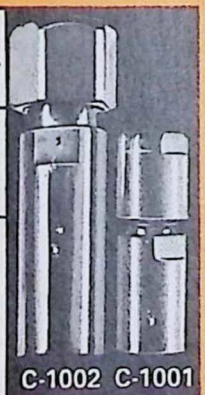
Please Specify:
1/4" Collet
1/8" Collet

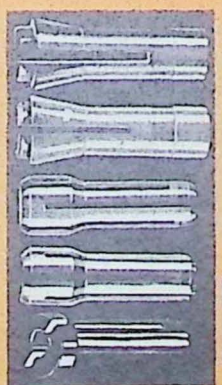
OTHER MANUFACTURER'S LIST PRICE $115.00

GRINDING AIDS

COLLETS

For Tools: MP-23000A, MP-20000A, MP-70000A & MP-71000A
C-1001 – 2-pc., 3/8"-24 Thread $7.00
C-1002 – 3-pc., 3/8"-24 Thread $14.50





COLLET INSERTS

Stock No.	Tool	Price
C-1025-1/4" C-1025-1/8"	MP-23000A MP-20000A	$5.50
C-1025-1/8"	MP-70000A MP-71000A	$5.50
C-1027-1/4" C-1027-1/8"	MP-000-1	$5.50

COLLET ADAPTER (above tools)		
C-1040	1/4" to 1/8"	$2.50
C-1040	1/4" to 3/16"	$2.50

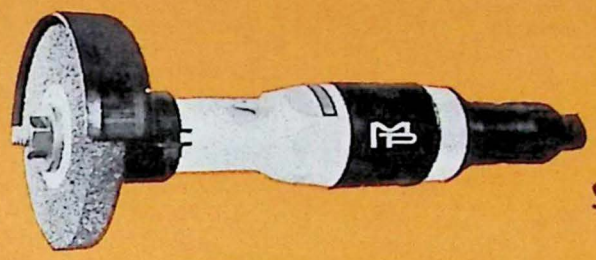
Rotary Wheel Grinders

Optional Equipment: 1/8" or 3m/m Collet Chuck in place of standard 1/4" or 6m/m Collet Chuck

MICHIGAN PNEUMATIC MODEL MP 1
ROTARY GRINDER

With Ring Type Throttle, 4" Wheel and Guard

Wheel Capacity inches Resinoid Bonded . . 4 x 5/8 x 1/2	Net Weight . . . . . 5.0 LBS.
Free Speed . . . . . 9500 RPM	Horse Power max. 0.8
Overall Length . . . . . 12-23/32"	Air Inlet Thread . . . 3/8 P.T.
	Hose Size . . . . . 1/2"



$95.00

OTHER MANUFACTURER'S LIST PRICE $190.00

MICHIGAN PNEUMATIC MODEL MP 2
ROTARY GRINDER

With Ring Type Throttle, 5" Wheel and Guard

Wheel Capacity inches Resinoid Bonded . . 5 x 3/4 x 1/2	Net Weight . . . . 7.3 LBS.
Free Speed . . . . . 7500 RPM	Horse Power Max 1.1
Overall Length . . . . . 15-29/32"	Air Inlet Thread . . 3/8 P.T.
	Hose Size . . . . . 1/2"

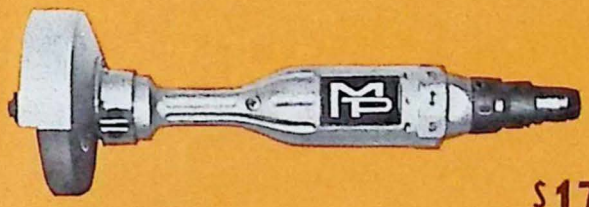
$145.00

OTHER MANUFACTURER'S LIST PRICE $300.00

MICHIGAN PNEUMATIC MODEL MP 3
ROTARY GRINDER

With Ring Type Throttle, 6" Wheel and Guard

Wheel Capacity inches Resinoid Bonded . . . . 6 x 1 x 5/8	Net Weight . . . . .9.5 LBS.
Free Speed . . . . . 6200 RPM	Horse Power Max 1.3
Overall Length . . . . . 17-1/4"	Air Inlet Thread . 3/8 P.T.
	Hose Size . . . . . 1/2"



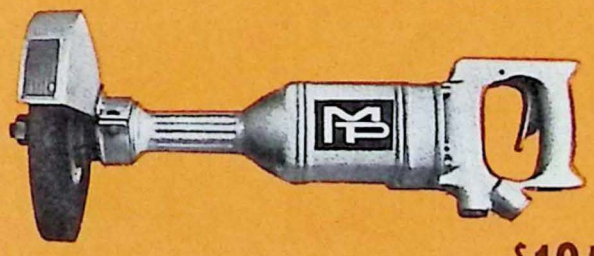
$175.00

OTHER MANUFACTURER'S LIST PRICE $300.00

MICHIGAN PNEUMATIC MODEL MP 4
ROTARY GRINDER

With Pistol Grip Handle, 8" Wheel and Guard

Wheel Capacity inches Resinoid Bonded . . . 8 x 1 x 5/8	Net Weight . . . . .13.5 LBS.
Free Speed . . . . . 4700 RPM	Horse Power Max 1.9
Overall Length . . . . . 18-7/8"	Air Inlet Thread . . 3/8 P.T.
	Hose Size . . . . . 1/2"



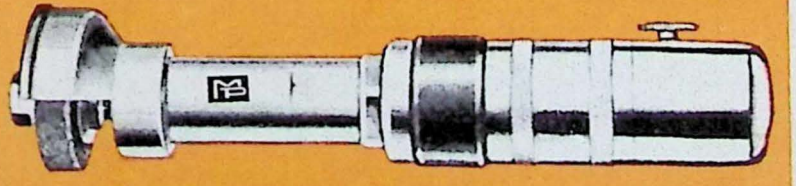
$195.00

OTHER MANUFACTURER'S LIST PRICE $300.00

MICHIGAN PNEUMATIC MODEL 79000
ROTARY GRINDER

A powerful grinder for use with Resinoid wheels. Cone wheel adaptor included. The grinders are designed to be light and sturdy. A built-in speed regulator and wheel guard is standard equipment. ¼" collets available.
Button or lever throttle available. Please specify when ordering.

WEIGHT . . . . . 3½ LBS.	RPM 18,000
LENGTH . . . . . 12 IN.	WHEEL CAP. . . . . 2 IN.



$125.00

OTHER MANUFACTURER'S LIST PRICE $300.00

Rotary Wheel Grinders

MICHIGAN PNEUMATIC MODEL B–120C CONEWHEEL GRINDER

The Michigan Pneumatic is a lightweight and easy-to-handle tool. The motor is mounted as an independent unit. This grinder is specifically designed for production grinding with cone wheels. Ideally suited for fast grinding in fillets, deep crevices and pockets.

WEIGHT	4¼ lbs.	RPM	12,000
LENGTH	13-5/8"	WHEEL CAP.	2½ in.

$150.00

1/4" Collet available at $3.75

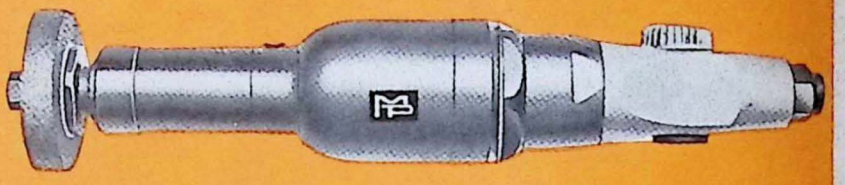
OTHER MANUFACTURER'S LIST PRICE $235.00

MICHIGAN PNEUMATIC MODEL B120-1 LIGHTWEIGHT GRINDERS

The Michigan Pneumatic is a lightweight and easy-to-handle tool. The motor is mounted as an independent unit, and generates power to the tool. It has a tight-fit efficient spline drive, which couples the arbor to the motor.

WEIGHT	4¾ LBS.	RPM	12,000
LENGTH	12¾ IN.	WHEEL CAP.	2½ IN.

1/4" Collet available at $3.75



$150.00

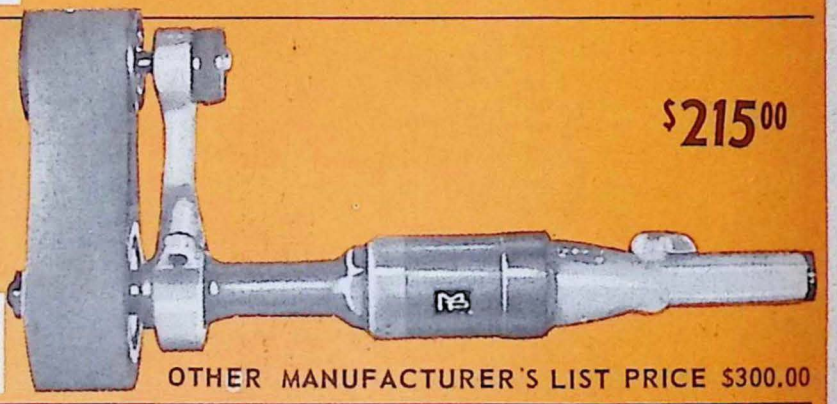
OTHER MANUFACTURER'S LIST PRICE $235.00

MICHIGAN PNEUMATIC MODEL B120WBGA LIGHTWEIGHT GRINDER

WITH BELT GRINDING ATTACHMENT

This tool will cut production costs on several applications where mounted wheels, discs, cones, etc. are required. For a fine finish use this tool.

BELT CAP.	12" x 1"		
WEIGHT	6 LBS.	RPM	12,000
LENGTH	14 IN.	WHEEL CAP.	2½ IN.



$215.00

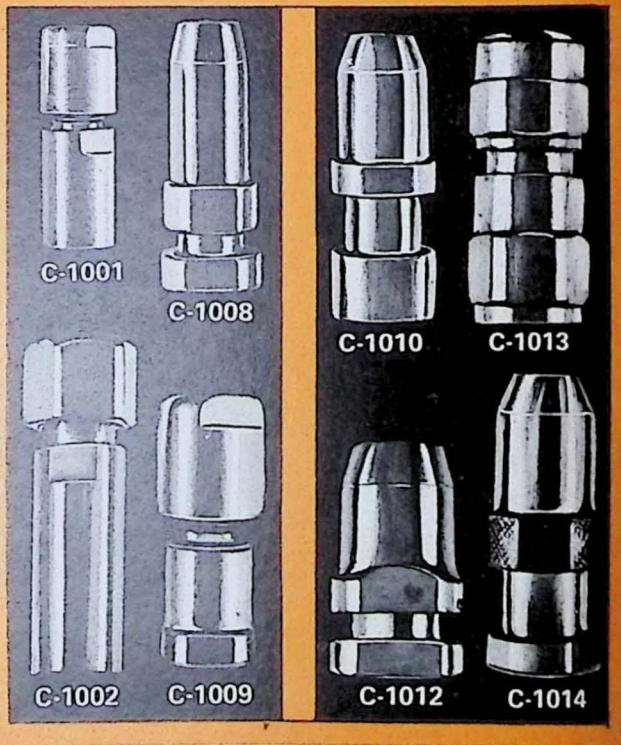
OTHER MANUFACTURER'S LIST PRICE $300.00

Collets

Collets listed are for 1/4" shank-mounted wheels or rotary files. If other sizes are required, send us your inquiries. Extra nuts can be furnished for all collets.

Stock No.	Replaces	Style	Thread	Thread Recessed	Price
C-1001	ARO No. 30489-1	2-piece	3/8"-24	3/8"	$7.00
C-1002	ARO No. 30854-3	3-piece	3/8"-24	3/8"	14.50
C-1008	Ingersoll-Rand No. ROA-390-¼	2-piece	3/8"-24	1/2"	10.50
C-1009	Black & Decker No. 718504 Master No. U500-36A	2-piece	3/8"-24	1/8"	7.00
C-1010	Black & Decker No. 718587 Master No. U612-36A	2-piece	3/8"-24	1/2"	10.50
C-1012	Rotor No. M1086-1096	2-piece	3/8"-24	1/8"	9.00
C-1013	Thor No. 70480	2-piece	3/8"-24	1/4"	7.00
C-1014	Thor No. 58990	2-piece	3/8"-24	7/16"	10.50

Stock No. C-1001 may also be used in place of Cleco No. 849142
Stock No. C-1008 may also be used in place of Cleco No. 849149
Stock No. C-1012 may also be used in place of Rotor No. M827-1037
Stock No. C-1012 may also be used in place of Buckeye No. Y-373



Miscellaneous Sanders

MICHIGAN PNEUMATIC MODEL 805
RANDOM ORBIT SANDER

The Random – Orbit action of this sander will throw dust from the pad. It is lightweight and furnished with contour handle and finger-grip top. Has hardened steel construction for consistent operation and long life.

WEIGHT	3 LBS. 7 OZ.
LENGTH	8-3/8 IN.
HEIGHT	4-1/8 IN.
HP	1/4
DISC SIZE	5 IN.

$85.00

MICHIGAN PNEUMATIC MODEL 790B
ORBITAL SANDER

This air jitterbug sander is ideal for body and paint shops for high production speed with the precise touch of hand work. Compact housing and palm throttle permits one-hand control of this light tool.

WEIGHT	2¾ LBS.
LENGTH	5¾ IN.
HEIGHT	4 IN.
PAPER SIZE	3" x 8"

$88.00

MICHIGAN PNEUMATIC MODEL B332M
VERTICAL SANDER

This Vertical Grinder may be used for disc sanding, cup wire brushings, and cup wheel grinding. This tool can do most of the work of a straight grinder and is also good for cutting down high spots and smoothing flat surfaces.

No-Load Speed, 6000 rpm. Pad Size, Combination 5, 7, & 9". Air Inlet Thread Size 1/4". Recommended Hose Size 3/8".

WEIGHT	8½ LBS.
HEIGHT	7 IN.
HP	1/3
CAP.	7 IN.
SPINDLE	5/8 x 11"

$125.00

OTHER MANUFACTURER'S LIST PRICE $295.00

MICHIGAN PNEUMATIC MODEL B332WW
VERTICAL GRINDER

This Vertical Grinder may be used for disc sanding, cup wire brushings, and cup wheel grinding. This tool can do most of the work of a straight grinder and is also good for cutting down high spots and smoothing flat surfaces.

No-Load Speed, 6000 rpm. Pad Size, Combination 5, 7, & 9". Air Inlet Thread Size 1/4". Recommended Hose Size 3/8".

WEIGHT	8½ LBS.
HEIGHT	7 IN.
HP	1/3
CAP.	7 IN.
SPINDLE	5/8 x 11"

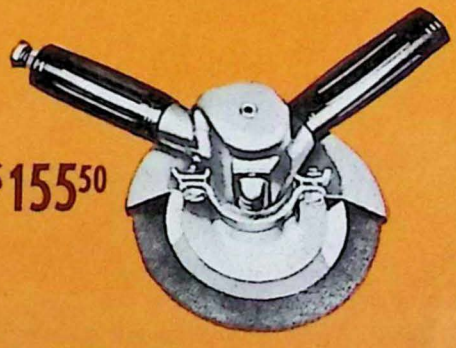
$135.00

OTHER MANUFACTURER'S LIST PRICE $295.00

MICHIGAN PNEUMATIC MODEL 765S
SANDER GRINDER

Outperforms electric models weighing far more. No electrical shock hazard even under the wettest conditions. Even tough jobs like wet standing acrylics are easy with the heavy-duty 765S Air-Sander. Built-in exhaust blows cuttings away from work, operator and tool.

Capacity	7"	Overall Height	7"
No-Load Speed	4500 rpm	Net Weight	4 lbs.
Pad Size	Comb. 5", 7" & 11"	Air Inlet Thread Size	1/4
Spindle Size	5/8" x 11"	Recommended Hose Size	3/8"



$155.50

Right Angle Grinders

MICHIGAN PNEUMATIC MODEL MP516-T OSCILLATOR ATTACHMENT

Weight . . . . . 1 lb.
RPM . . .5000 to 10,000
PSI . . . . 40 to 60 max.

6" pad with 5/16" arbor.
Attachment: Converts conventional sanders for:

- feather edging
- wet & dry sanding
- blocking of primer surfacer
- general refinishing of metal, plastics and wood.

$16.45

MICHIGAN PNEUMATIC AIR GRINDER

MODEL B-D570		MODEL BD550	
Weight	2¼ lbs.	Weight	4¾ lbs.
Length	5½ in.	Length	5½ in.
RPM	15,000	RPM	10,000
PSI	90 lbs.	PSI	90 to 150 lbs.
Backup Pad	5 in.	Backup Pad	7 in.

- Perfectly Balanced
- Two Hand Control Permits Safe and Easy Handling
- Out-Performs Heavy-weight Grinders Weighing Three Times More

AVAILABLE IN 2 SIZES
90 DAY GUARANTEE

MODEL B-D550 $29.95
MODEL B-D570 $49.95

MICHIGAN PNEUMATIC MODEL B1FAM ANGLE GRINDER

Weight	3¼ lbs.	Wheel Cap.	4 in.
Length	7¾ in.	HP	1/6
RPM	12,700	Spindle . .	3/8" – 24 Thro

Air inlet thread size 1/4". Recommended hose size 3/8".

This tool can be converted to a collet grinder. ¼" collets available at $3.75 each.

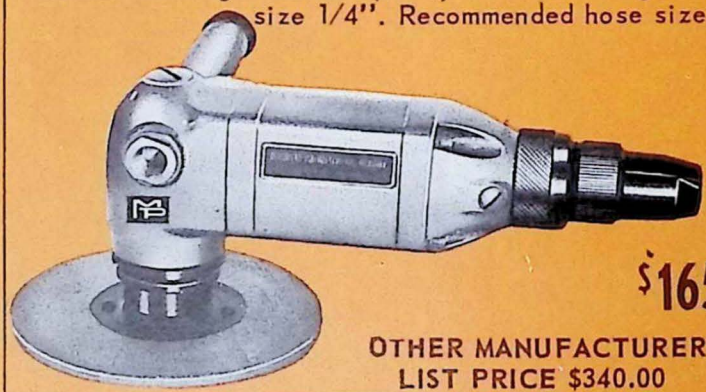
$115.00

OTHER MANUFACTURER'S LIST PRICE $180.00

MICHIGAN PNEUMATIC MODEL B2FAM ANGLE GRINDER

Weight	8½ lbs.	Wheel Cap.	7 in.
Length	10¾ in.	Spindle . .	5/8" – 11 Thro
RPM	7100		

This Grinder is available with Wheel and Guard or Rubber Pad for Sanding. Please specify when ordering. Air inlet size 1/4". Recommended hose size 3/8".



$165.00

OTHER MANUFACTURER'S LIST PRICE $340.00

MICHIGAN PNEUMATIC MODEL MP 2FG ANGLE GRINDER

Weight	8.6 lbs.	Wheel Cap.	7 in.
Length	10¾"	HP	1.3
RPM	7100	Spindle . .	5/8"x11 Thro

This High Speed grinder is ideal for a wire brush. Air inlet 3/8". Recommended hose size 1/2".

$175.00

OTHER MANUFACTURER'S LIST PRICE $340.00

MICHIGAN PNEUMATIC MODEL MP 2FW ANGLE GRINDER

Weight	8.8 lbs.	Wheel Cap.	9 in.
Length	10¾"	HP	1.3
RPM	5500	Spindle . .	5/8"x11 Thro

This particular grinder is ideal for heavy grinding. Air inlet 3/8". Recommended hose size 1/2".

$185.00

OTHER MANUFACTURER'S LIST PRICE $340.00

Vertical Rotary Sanders

MICHIGAN PNEUMATIC MODEL B7000R-45 ROTARY GRINDER

- 4500 rpm
- 6 Cup Wheel
- 9" Sanding Pad
- 4" Cup Wire Brush
- 5/8"-11 Spindle
- 7" Height
- Weight 7 Lbs.
- Air Inlet Thread Size 1/2"
- Recommended Hose Size 3/8"
- 1/2 HP

Specify 4500 rpm when ordering

The Rotary Grinder may be used for disc sanding, cup wire brushing, and cup wheel grinding. It is also good for cutting down high spots and smoothing flat surfaces.

$275.00

OTHER MANUFACTURER'S LIST PRICE $395.00

MICHIGAN PNEUMATIC MODEL B7000R-6 ROTARY GRINDER

- 6000 rpm
- 5 Cup Wheel
- 7" Sanding Pad
- 4" Cup Wire Brush
- 5/8"-11" Spindle
- 7" Height
- Weight 7 Lbs.
- Air Inlet Thread Size 1/2"
- Recommended Hose Size 3/8"
- 1/2 HP

Specify 6000 rpm when ordering

The Rotary Grinder may be used for disc sanding, cup wire brushing, and cup wheel grinding. It is also good for cutting down high spots and smoothing flat surfaces.

$275.00

OTHER MANUFACTURER'S LIST PRICE $395.00

MICHIGAN PNEUMATIC MODELS B3199C-45 B3199C-6 ROTARY GRINDER

Weight	10 Lbs.	HP	1/2
Height	7 In.	Spindle	5/8-11
Wheel Cap.	7" Sand.pad	RPM	4500 or 6000

Specify 4500 or 6000 RPM When Ordering

These Grinders will handle a large variety of surface grinding applications. They are constructed to give continuous service in industrial plants. Available with 6" cup wheel or 7" depressed center wheel.

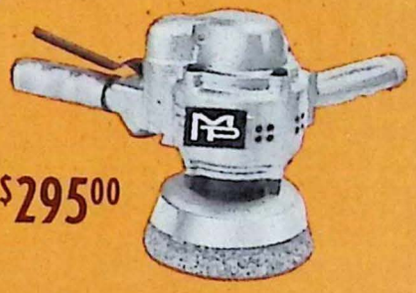
$275.00

OTHER MANUFACTURER'S LIST PRICE $385.00

MICHIGAN PNEUMATIC MODELS B6001M-45 B6001M-6 ROTARY GRINDER

Weight	12 Lbs.	HP	1/2
Height	8 In.	Spindle	5/8-11
Cup Wheel Cap.	6 In.	RPM	4500 or 6000

Specify 4500 or 6000 RPM When Ordering



Vertical Grinders and Sanders may be used for disc sanding, cup wire brushing, and cup wheel grinding, as they can do most of the work of a straight grinder and yet are far superior for cutting down high spots and for smoothing a flat surface.

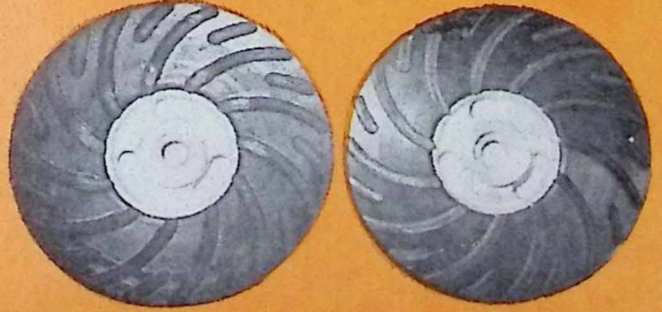
$295.00

OTHER MANUFACTURER'S LIST PRICE $440.00

SPIRALCOOL AIR-COOLED BACKING PADS

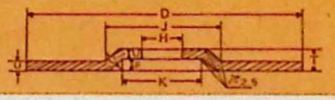
PART NUMBER				
Flexible	Medium	Rigid	SIZE	PRICE
F400-R	R400-R	H400-R	4"	$5.00
F500-R	R500-R	H500-R	5"	5.50
F600-R	R600-R	H600-R	6"	6.00
F700-R	R700-R	H700-R	7"	7.20
F800-R	R800-R	H800-R	8"	9.50
F900-R	R900-R	H900-R	9"	9.50

Ideal for all sanding operations on metal, fiberglass, plastics, etc, We recommend the flexible or medium for contour work and the rigid for straight edge work.



GRINDING WHEELS

MP abrasive grinding wheels are reinforced with fiberglass to insure safe operation and long life. In use, natural pores are created as the special Resinoid fillers are melted by grinding heat, constantly renewing high cutting efficiency of the MP grinding wheels. MP wheels are for use on steel of moderate hardness. They are stocked in the most popular kind, size and grade (A24R). Others available on special order.



O.D.	T	Hole H	Thick U	F	J	K	Price
4"	31/64"	5/8"	1/4"	1/4"	2-3/64"	1-3/4"	$2.50
7"	31/64"	7/8"	1/4"	1/4"	2-3/4"	1-57/64"	3.50
*8"	31/64"	7/8"	1/4"	1/4"	2-3/4"	1-57/64"	6.50
9"	31/64"	7/8"	1/4"	1/4"	2-4/5"	1-7/10"	6.50

*Special Order Only

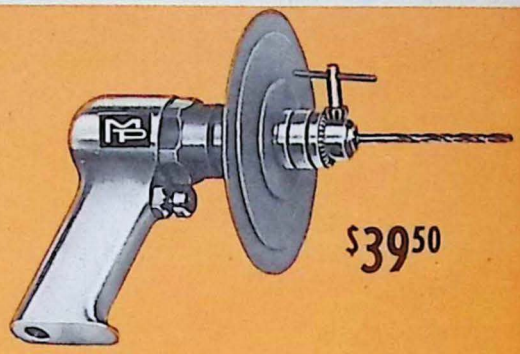
Multi-Purpose Tools & Drills

MICHIGAN PNEUMATIC **MODEL MP200**

MULTIPLE PURPOSE TOOL

This power packed easy holding tool is just right for touch-up, feather edging, and production sanding. It is constructed with precision ground working parts and strong aluminum housing for years of carefree service. . . . Grinds, Sands, Drills, Hones, Brushes.

WEIGHT . . . . . 3 LBS.	AIR PRESS. . . . . 125 TO 150 LBS.
RPM . . .500 TO 18,000	
CAP. . . . . 1/4 IN.	



$39.50

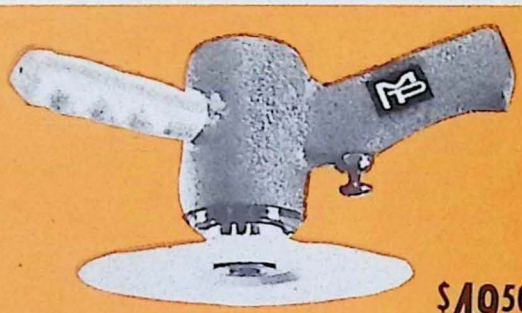
OTHER MANUFACTURER'S LIST PRICE $75.00

MICHIGAN PNEUMATIC **MODEL MP100**

TWO-WAY REVERSIBLE 5" SANDER

This tool gives you a new idea of sanding principles. A longer disc life and greater economy. Provides faster stock removal with finer grit and larger pressure, with rugged aluminum housing for years of dependable service. Rotates both clock wise and counterclock wise.

WEIGHT . . . . . 4¾ lbs.	AIR PRESS . . . . 125 lbs.
RPM 12,000	CAP. . . . . 5"



$49.50

OTHER MANUFACTURER'S LIST PRICE $75.00

MICHIGAN PNEUMATIC **MODEL MP400**

HEAVY MULTI-PURPOSE TOOL

The Michigan Pneumatic Heavy Multi-Purpose tool is a combination of Grinder Sander, Drill. It is wonderful for buffing, and was designed to drill holes in heavy metal and steel rapidly with no shock of heating hazard. It is also designed for fast work where time is a factor, and where neatness and finish are important.

WEIGHT . . . . . 4 LBS.	CAP. . . . . 3/8 IN.
RPM . . . . 50 TO 4000	AIR PRESS. 100-150 LBS.

$64.50

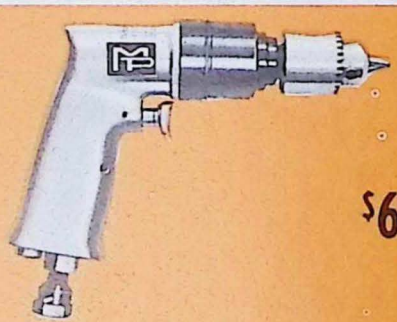
OTHER MANUFACTURER'S LIST PRICE $99.00

MICHIGAN PNEUMATIC **MODEL B3001C** LIGHTWEIGHT

1/4" DRILL

Lightweight, compact, well-balanced Michigan Pneumatic air powered drills are designed for dependable daily performance on heavy duty industrial drilling applications within their rated capacities. Pistol grip.

WEIGHT . . . . . 2 LBS.	RPM 2500
LENGTH . . . . 5½ IN.	CAP. . . . . 1/4 IN.



$69.00

OTHER MANUFACTURER'S LIST PRICE $120.00

MICHIGAN PNEUMATIC **MODEL B8009A** MEDIUM WEIGHT

5/16" HEAVY DUTY DRILL

A popular heavy duty aircraft drill. Manufactured to interchange with the Aro tool, long a standby in the aircraft industry. A good grip and easy to handle tool – front and exhaust – requires only one air hose.

WEIGHT . . . . 2½ LBS.	RPM 3000
LENGTH . . . . . 6½ IN.	CAP. . . . . 5/16 IN.

$92.00

OTHER MANUFACTURER'S LIST PRICE $120.00

Heavy Duty & Corner Drills

MICHIGAN PNEUMATIC MODEL B-516-1
3/8" PISTOL GRIP DRILL

These drills combine light weight with exceptional power and plenty of reserve to handle continuous production drilling at their maximum rated capacity. Recommended Hose Size – 5/16".

WEIGHT	2¾ LBS.	RPM	2000
LENGTH	6¾ IN.	CAP.	3/8 IN.

$97.00
HEAVY DUTY

OTHER MANUFACTURER'S LIST PRICE $160.00

MICHIGAN PNEUMATIC MODEL B-70016-A
1/2" HEAVY DUTY DRILLS

These Heavy Duty Drills are preferred for production work because they have the absolute smoothness of operation that is so necessary for accurate drilling, reaming, tapping, etc. Auxiliary adjustable handle included.
Recommended Hose Size – 5/16".

WEIGHT	7 LBS.	RPM	1000
LENGTH	8 IN.	CAP.	1/2 IN.

$150.00
EXTRA HEAVY DUTY

OTHER MANUFACTURER'S LIST PRICE $225.00

SUPREME DRILL CHUCKS

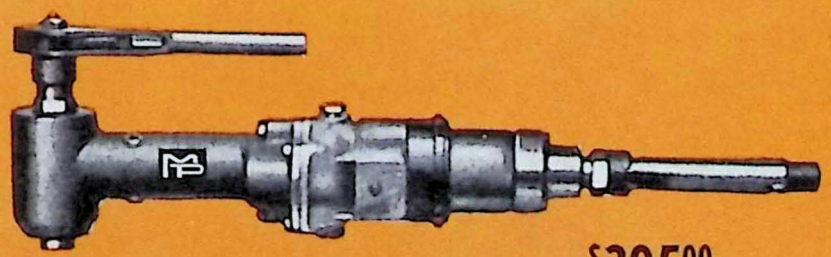
NO.	CAPACITY	THREAD	KEY	PRICE	NO.	CAPACITY	THREAD	KEY	PRICE	NO.	CAPACITY	THREAD	KEY	PRICE
1A	0 - 1/4	3/8 - 24	1	4.85	2B	0 - 3/8	1/2 - 20	2	6.10	6B	0 - 1/2	1/2 - 20	6	7.80
4A	0 - 1/4	3/8 - 24	4	5.25	2T2	0 - 3/8	2 Taper	2	6.10	6F	0 - 1/2	3/4 - 16	6	7.80
4T1	0 - 1/4	1 Taper	4	5.25	3A	0 - 3/8	3/8 - 24	5	6.60	6T6	0 - 1/2	6 Taper	6	7.80
7A	0 - 5/16	3/8 - 24	13	5.75	3T2	0 - 3/8	2 Taper	5	6.60	8F	1/8 x 5/8	3/4 - 16	6	9.40
7T1	0 - 5/16	1 Taper	13	5.75	5B	5/64 - 1/2	1/2 - 20	5	7.25	9F	3/16 x 3/4	3/4 - 16	9	11.75

ALL OTHER SIZES AVAILABLE ON REQUEST

PNEUMATIC MODEL 20
CORNER DRILLS

Close-Quarter Drills are among the most powerful on the market today. With this power are strength and durability that keep them on the job and result in low maintenance costs. Their efficiency and low air consumption reduce operating expenses.

WEIGHT	14¾ LBS.	RPM	310
LENGTH	21¾ IN.	2 MORSE TAPER	



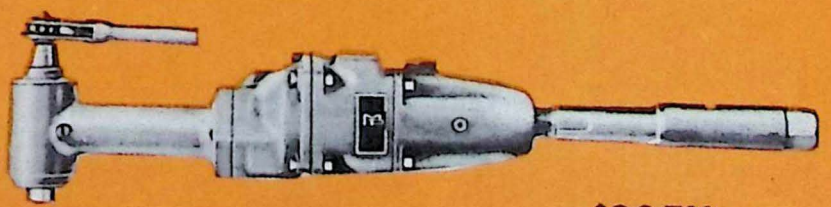
$295.00

OTHER MANUFACTURER'S LIST PRICE $620.00

PNEUMATIC MODEL 323
CORNER DRILLS

The concise height of this drill makes it perfect for drilling in confined places. It is strong and durable on the job, which thus lowers maintenance costs.

RPM	175	LENGTH	26 IN.
WEIGHT	21½ LBS.	HEIGHT	8½ IN.
TAPPING	1 IN.	2 MORSE TAPER	



$295.00

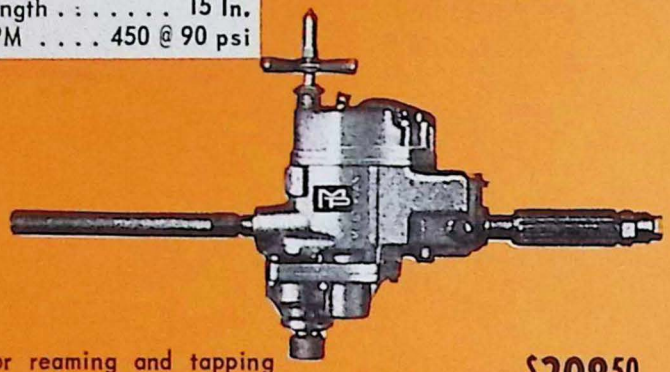
OTHER MANUFACTURER'S LIST PRICE $620.00

Drills & Punch Press

PNEUMATIC MODEL 4J STEEL DRILLS

Weight . . . . . 35 Lbs.
Length . . . . . 15 In.
RPM . . . . 450 @ 90 psi

3 Morse Taper Socket



For reaming and tapping up to 1-inch and tube rolling up to 1-1/2 inches. Has Morse Taper Socket No. 3.

$298.50

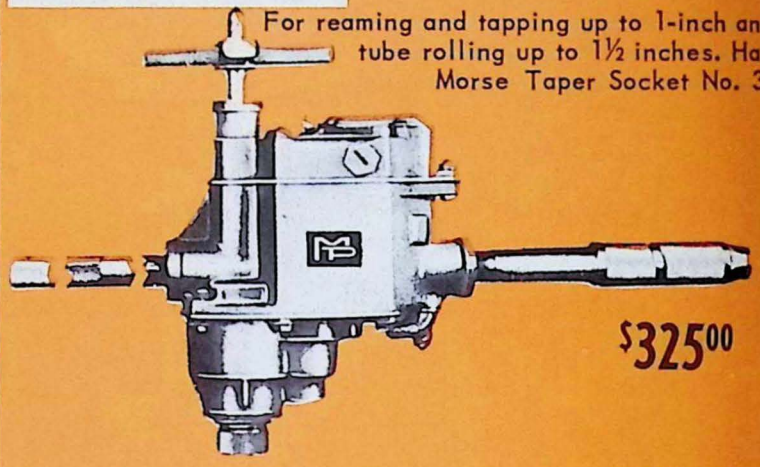
OTHER MANUFACTURER'S LIST PRICE $685.00

PNEUMATIC MODEL 327 STEEL DRILLS

Weight . . . . . 27½ Lbs.
Length . . . . . 14½ In.
RPM 425

3 Morse Taper Socket
Drills 1" Tapping 1"

For reaming and tapping up to 1-inch and tube rolling up to 1½ inches. Has Morse Taper Socket No. 3.



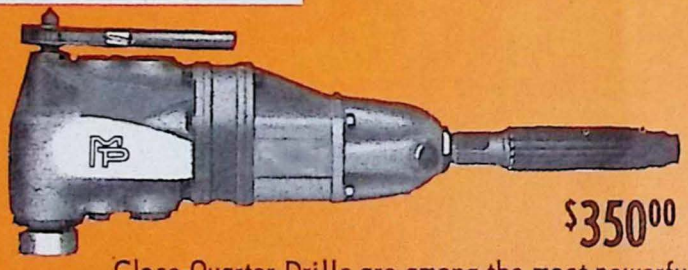
$325.00

OTHER MANUFACTURER'S LIST PRICE $685.00

PNEUMATIC MODEL 30 CORNER DRILLS

Weight . . . . . 33 Lbs.
RPM 185
Capacity . . . . . 1¼ In.

3 Morse Taper



$350.00

Close-Quarter Drills are among the most powerful on the market today. With this power are strength and durability that keep them on the job and result in low maintenance costs. Their efficiency and low air consumption reduce operating expenses. Smoothness, balance and compactness make them easy to operate and permit their use in close, restricted places.

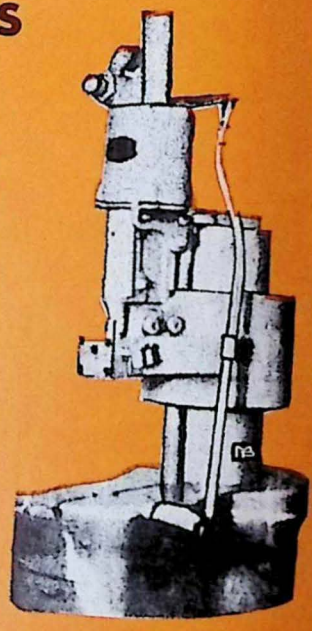
OTHER MANUFACTURER'S LIST PRICE $700.00

PNEUMATIC MODEL 3351 AIR PUNCH PRESS

An ideal Utility Punch Press, Compression Riveter, Shear, etc. Utilizes a standard CP 351 Head for easy, economical maintenance. This unit features Vernier Gap Adjustment and T-Slatted Bed for fast efficient set ups.

Specifications

Gap . . . . . Adj. 0-8"
Force . . . . . 6000 lbs. at 90 psi
Capacity . . . . . 3/16" Rivet
High . . . . . Max. 31"
Wide . . . . . 10"
Deep . . . . . 16"
Stroke . . . . . 1/2"
Weight . . . . . 280 lbs.



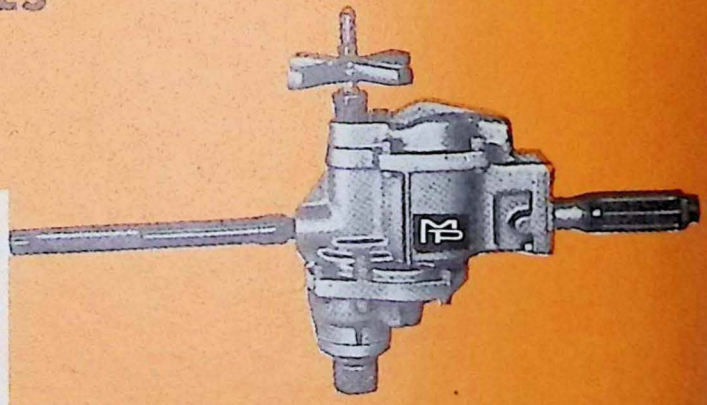
$149.50

OTHER MANUFACTURER'S LIST PRICE $580.00

MICHIGAN PNEUMATIC REVERSIBLE DRILLS

Heavy Duty Air Drills are preferred for production work because they have the absolute smoothness of operation that is so necessary for accurate drilling, reaming, tapping, nut running, etc. At the same time, they possess the power to keep them up to speed when under a load. They are light in weight and easy to handle. Their power and efficiency make them ideal tools for many jobs that formerly required larger and heavier machines.

Model No.	Drilling Cap.	Reaming Cap.	RPM Free Speed	Morse Taper No.	Net Weight	Other Mfg.'s List Price	Our Price
MP-11R	9/16"	3/8"	1100	1	12	$290.00	$145.00
MP-22R	5/8"	1/2"	900	2	12	390.00	195.00
MP-33R	3/4"	5/8"	750	2	12	490.00	245.00
MP-44R	7/8"	3/4"	600	2	12	590.00	295.00
MP-55R	15/16"	3/4"	800	2	23½	690.00	345.00
MP-66R	1"	7/8"	650	3	23	790.00	395.00
MP-77R	1/1/8"	7/8"	500	3	23	890.00	445.00
MP-88R	1-1/4"	1"	430	3	23	990.00	495.00



Sand Rammers

MICHIGAN PNEUMATIC MODEL B2BA SAND RAMMER

Quick acting with fast rapid blow, provides greater ease in handling, with a minimum of shock. For fast ramming on small, medium and large flasks on bench or floor. Also used for pit molding, light backfill tamping, ramming of fire clay, carbon and plastic furnace lining.

Weight	4.6 Lbs.	Bore	¾ In.
Length	11¾ In.	Stroke	2 In.

$115.00

OTHER MANUFACTURER'S LIST PRICE $250.00

MICHIGAN PNEUMATIC MODEL B1BA SAND RAMMER

Lighter weight, more powerful. Streamlined for better holding. Hard and fast hitting. Chrome plated rod. Improved design, more performance. Low maintenance. Built-in oil reservoir.

Weight	6.8 Lbs.	Bore	7/8 In.
Length	13-9/16 In.	Stroke	2-9/16 In.

$125.00

OTHER MANUFACTURER'S LIST PRICE $350.00

MICHIGAN PNEUMATIC MODEL B14 SAND RAMMER

Hard and fast hitting. Delivers maximum, smooth, efficient work energy. Light in weight... improved construction provides ease of operation and control.

Weight	12 Lbs.	Bore	1 In.
Length	19-1/8 In.	Stroke	4 In.

$145.00

OTHER MANUFACTURER'S LIST PRICE $365.00

MICHIGAN PNEUMATIC MODEL B1F SAND RAMMER

New automatic valve design eliminates unnecessary maintenance normally encountered by sand and dirt abrasions. New throttle valve design with a non-leak "O" ring, assures positive shut-off.

Weight	19½ Lbs.	Bore	1¼ In.
Length	44 In.	Stroke	5 In.

$165.00

OTHER MANUFACTURER'S LIST PRICE $350.00

MICHIGAN PNEUMATIC MODEL B66 SAND RAMMER

Air line lubrication assures frictionless operation and long service life. Chrome plated piston rod resists wear caused by dirt and sand abrasive action. New type piston rod packing seals off penetration of sand and dirt into working part of the Rammer. Piston rod packing and adjustments performed on the job without need of special tools.

Weight 47 Lbs.
Length . 50 In.
Bore ... 2 In.
Stroke .. 6 In.

$210.00

OTHER MANUFACTURER'S LIST PRICE $440.00

MICHIGAN PNEUMATIC RAMMER ACCESSORIES

RAMMER BUTTS

For use in all standard and floor Rammers. Specify Taper When ordering. Made of the finest Neoprene. Highly resistant to wear and oil.

2½" Diameter	$5.00
3¼" Diameter	5.50
4" Diameter	8.00
5" Diameter	9.00

for TAMPERS

HEAVY DUTY STEEL

6" BRAND NEW $10

THROTTLE HANDLES

FIT All floor Rammers

NEW PRICE

$40

Reversible Impact Wrenches

MICHIGAN PNEUMATIC MODEL 3337 IMPACT WRENCH

This model has adjustable power regulator which is applicable in assembly factories of rolling stock and electrical appliances. Designed for close quarter work.

Weight . . . 2.6 lbs.	Length . . . . . 7-7/16"
Capacity . . . . . ¼"	Air Inlet Thread . . . ¼"
Drive Square .3/8"	Min. Hose Size . . 3/8"

$125.00

OTHER MANUFACTURER'S LIST PRICE $240.00

MICHIGAN PNEUMATIC MODEL 5020 IMPACT WRENCH

This model has adjustable power regulator which is applicable in assembly factories of rolling stock and electrical appliances. Designed for close quarter work.

Weight . . . 2.9 lbs.	Length . . . . . 6-1/32 in.
Capacity . . . . . ¼"	Air Inlet Thread . . . ¼"
Drive Square .3/8"	Min. Hose Size . . 3/8"

$125.00

OTHER MANUFACTURER'S LIST PRICE $240.00

MICHIGAN PNEUMATIC MODEL B3344 IMPACT WRENCH

The 3344 is a heavy duty ½" Impact Wrench. It is the industrial type designed for production use. The 7" overall length is practical in close quarter nut running applications.

OPTIONAL: B3344-2 is fitted with a 2" extended anvil

Weight . . . . . 6 lbs.	Length . . . . . 7 in.
Capacity . . . . . ½ in.	Air Inlet Thread . . . ¼ in.
Drive Square . . . . . ½ in.	Min. Hose Size . . 3/8 in.

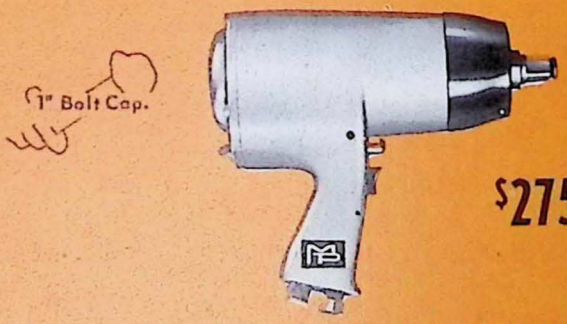
$149.00

OTHER MANUFACTURER'S LIST PRICE $300.00

MICHIGAN PNEUMATIC MODEL MP7500-C IMPACT WRENCH

The compact MP-7500 is available with 1" bolt capacity. This tool is recommended for fleet, spring, and farm equipment shops. Its hammer mechanism has reserve power for demountable rim work. Also to guard hose and housing, it has rubber protectors.

Weight . . . . . 19 lbs.	Length . . . . . 10½ in.
Capacity . . . . . 1 in.	Air Inlet Thread . 3/8 in.
Drive Square . . . . ¾ in.	Min. Hose Size . . . . ½ in.



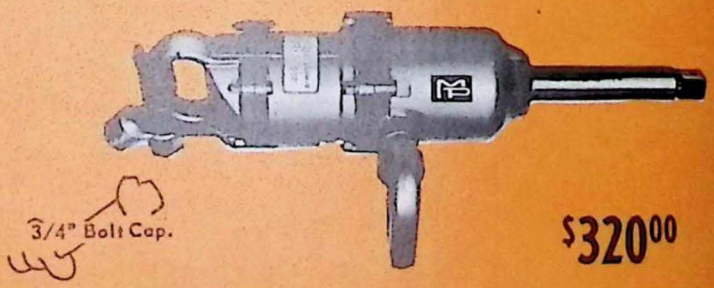
$275.00

OTHER MANUFACTURER'S LIST PRICE $355.00

MICHIGAN PNEUMATIC MODEL B3600M-6 IMPACT WRENCH

Reversible Impact Wrenches are lightweight. Tremendous tightening and loosening power.

Weight . . . . . 22 lbs.	Length . . . . . 20 in.
Capacity . . . . . ¾ in.	Air Inlet Thread . 3/8 in.
Drive Square . . . . . ¾ in.	Min. Hose Size . . . . ½ in.



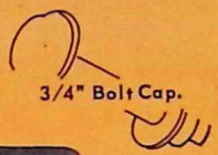
$320.00

OTHER MANUFACTURER'S LIST PRICE $435.00

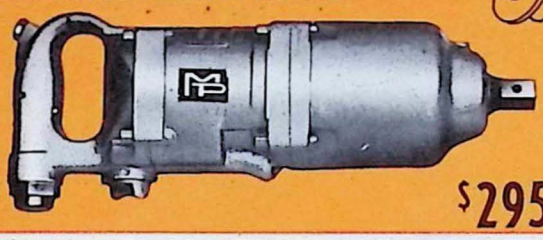
Reversible Impact Wrenches

MICHIGAN PNEUMATIC MODEL B3600M IMPACT WRENCH

Factory new. This MP Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, steel clutch housing, and hardened steel end plates. Trigger shift lets you go forward to reverse instantly.



SPLINE DRIVES AVAILABLE



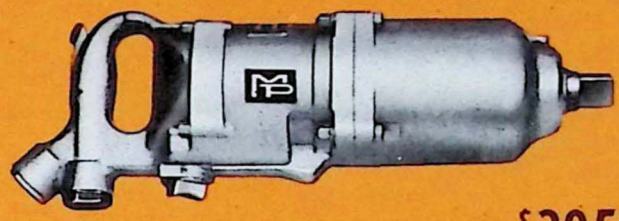
$295.00

Weight ..... 22 Lbs.	Length .....15 In.
Square Drive ..... ¾ In.	Bolt Cap. ..... ¾ In.

OTHER MANUFACTURER'S LIST PRICE $435.00

MICHIGAN PNEUMATIC MODEL B3650M IMPACT WRENCH

Factory new. This MP Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, steel clutch housing, and hardened steel end plates. Trigger shift lets you go forward to reverse instantly.



SPLINE DRIVES AVAILABLE

$395.00

Weight .....30 Lbs.	Length .....18 In.
Square Drive ..... 1 In.	Bolt Cap. ..... 1¼ In.

OTHER MANUFACTURER'S LIST PRICE $580.00

MICHIGAN PNEUMATIC MODEL B3650M—6 IMPACT WRENCH

This Michigan Pneumatic Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, steel clutch housing, and hardened steel end plates. Trigger shift lets you go forward to reverse instantly.

SPLINE DRIVES AVAILABLE

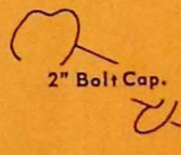
$420.00

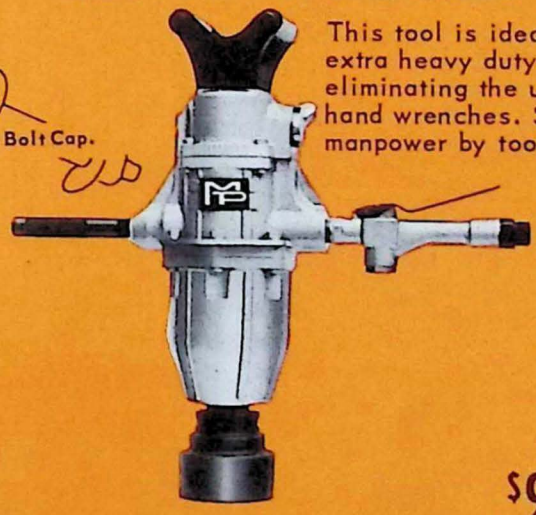
Weight ..... 30 Lbs.	Length ..... 23 In.
Square Drive ..... 1 In.	Bolt Cap. ..... 1¼ In.

OTHER MANUFACTURER'S LIST PRICE $680.00

MICHIGAN PNEUMATIC MODEL B5777 IMPACT WRENCH

This tool is ideal for extra heavy duty jobs eliminating the use of hand wrenches. SAVE manpower by toolpower.



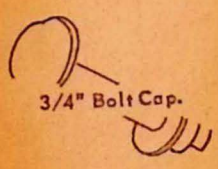


$975.00

Weight ..... 64 Lbs.	Square Drive .... 1½ In.
Length ..... 22¼ In.	Bolt Cap. ..... 2 In.

OTHER MANUFACTURER'S LIST PRICE $1,375.00

MICHIGAN PNEUMATIC MODEL B 3600 RAN IMPACT WRENCH

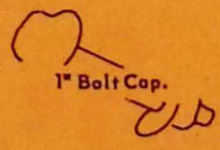


$ 495.00

Weight ....30.8 lbs.	Length .....16-5/32"
Square Drive ....¾"	Bolt Cap. ..... ¾"

OTHER MANUFACTURER'S LIST PRICE $760.00

MICHIGAN PNEUMATIC MODEL B 3650 RAN IMPACT WRENCH



$595.00

Weight ....39.6 lbs.	Length ..... 17-3/8"
Square Drive ....1"	Bolt Cap. ..... 1"

OTHER MANUFACTURER'S LIST PRICE $840.00

Reversible "Auto-Impax"

MICHIGAN PNEUMATIC MODEL 1200
IMPACT WRENCH ½" Square Drive

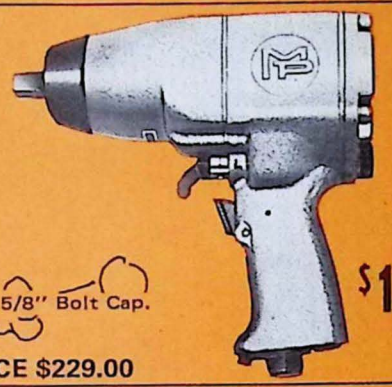
Overhauling and servicing - dismantling and reassembly of automobiles, panel trucks and their engines and transmissions. ● Tire repair shops - tightening and loosening nuts on wheels of motorcycles and autos of all makes. ● Agricultural machinery - cultivators, tractors etc. ● The factory - fabricating operations.

Capacity (Max.) . . . . . 1/2" Std. Bolts	Avg. Air Cons. . . . . 4.2 CFM
Torque Range . . . . . 21-210 ft-lbs.	Net Weight . . . . . 4.2 lbs.

$119.00

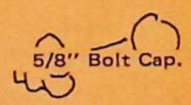
OTHER MANUFACTURER'S LIST PRICE $169.00

MICHIGAN PNEUMATIC MODEL 7400
IMPACT WRENCH ½" Square Drive



Automotive servicing - attaching and removal of the "U" bolts of 1½ ton trucks and those of lighter vehicles. Engine and chassis work on large and small type autos. ● Tire changing - tightening and loosening nuts on vehicles up to 2 tons. ● Gas Stations - minor maintenance jobs. ● Farm machinery repairing - cultivators, tractors and various implements.

Capacity (Max.) . . . . . 5/8" Std. Bolts	Avg. Air Cons. . . . . 5.0 CFM
Torque Range . . . . . 43-375 ft-lbs.	Net Weight . . . . . 6.4 lbs.



$149.00

OTHER MANUFACTURER'S LIST PRICE $229.00

MICHIGAN PNEUMATIC MODEL 2000
IMPACT WRENCH ¾" Square Drive

Automotive servicing - for the tires of 2 ton vehicles and for managing their "U" bolts. Also Engine overhauling of trucks. ● Tire shop - removal and tightening nuts on wheels of 2 ton vehicles.

Capacity (Max.) . . . . . 3/4" Std. Bolts	Avg. Air Cons. . . . . 7.8 CFM
Torque Range . . . . . 72-525 ft-lbs.	Net Weight . . . . . 9.6 lbs.

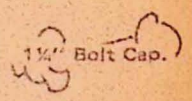
$295.00

OTHER MANUFACTURER'S LIST PRICE $349.00

MICHIGAN PNEUMATIC MODEL 3200P
IMPACT WRENCH 1" Square Drive

Best suited for managing "U" bolts because of its shortness and maneuverability. ● Gets into the cramped spaces of chassis frames.

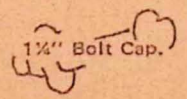
Capacity (Max.) . . . . . .1¼" Std. Bolts	Avg. Air Cons. . . . . 19.6 CFM
Torque Range . . . . . .290-1000 ft-lbs.	Net Weight . . . . . 26.2 lbs.

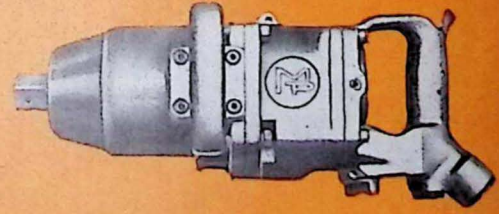


$295.00

OTHER MANUFACTURER'S LIST PRICE $395.00

MICHIGAN PNEUMATIC MODEL 3200G
IMPACT WRENCH 1" Square Drive





Manages with ease the tire nuts of big trucks and buses.

Optional NW-3200GL-6L is fitted with a 6" extended anvil.
NW-3200GL-8L is fitted with a 8" extended anvil.

Capacity (Max.) . . . . . .1¼" Std. Bolts	Avg. Air Cons. . . . . 10.6 CFM
Torque Range . . . . . .290-1000 ft-lbs.	Net Weight . . . . . 26.8 lbs.

$295.00

OTHER MANUFACTURER'S LIST PRICE $395.00

Hex Sockets

3/8" SQUARE DRIVE

SIZE	NO.	PRICE
5/16"	P2210	$1.05
3/8	P2212	1.05
7/16	P2214	1.05
1/2	P2216	1.05
9/16	P2218	1.05
5/8	P2220	1.20
11/16	P2222	1.30
3/4	P2224	1.40

1/2" SQUARE DRIVE

SIZE	NO.	PRICE
3/8 "	P3212	$ .99
7/16	P3214	.99
1/2	P3216	.99
9/16	P3218	.99
5/8	P3220	1.05
11/16	P3222	1.15
3/4	P3224	1.15
13/16	P3226	1.55
7/8	P3228	1.65
15/16	P3230	1.70
1	P3232	1.95
1-1/16	P3234	2.15
1-1/8	P3236	2.40
1-3/16	P3238	2.50
1-1/4	P3240	2.65

5/8" SQUARE DRIVE

SIZE	NO.	PRICE
1/2 "	I4216	$1.85
9/16	I4218	2.00
5/8	I4220	2.00
11/16	I4222	2.00
3/4	I4224	2.00
13/16	I4226	2.00
7/8	I4228	2.15
15/16	I4230	2.25
1	I4232	2.30
1-1/16	I4234	2.70
1-1/8	I4236	3.10
1-1/4	I4240	3.30
1-5/16	I4242	3.85
1-3/8	I4244	4.40
1-7/16	I4246	4.60
1-1/2	I4248	4.90

3/4" SQUARE DRIVE

SIZE	NO.	PRICE
1/2 "	I5216	$2.50
9/16	I5218	2.50
5/8	I5220	2.50
11/16	I5222	2.50
3/4	I5224	2.75
7/8	I5228	2.75
15/16	I5230	2.75
1	I5232	2.75
1-1/16	I5234	2.85
1-1/8	I5236	3.35
1-3/4	I5238	3.45
1-1/4	I5240	3.60
1-5/16	I5242	3.90
1-3/8	I5244	4.20
1-1/2	I5248	5.25
1-5/8	I5252	5.50

1" SQUARE DRIVE

SIZE	NO.	PRICE
3/4 "	I6224	$ 4.65
13/16	I6226	4.65
7/8	I6228	4.65
1	I6232	4.65
1-1/8	I6236	4.65
1-3/16	I6238	4.65
1-1/4	I6240	4.80
1-3/8	I6244	4.90
1-7/16	I6246	5.15
1-1/2	I6248	5.55
1-5/8	I6252	6.20
1-3/4	I6256	7.05
1-7/8	I6260	7.45
1-15/16	I6262	8.30
2	I6264	8.85
2-1/8	I6268	10.50
2-1/4	I6272	11.40
2-5/16	I6274	12.00
2-3/8	I6276	14.95
2-1/2	I6280	17.50
2-5/8	I6284	20.70
2-3/4	I6288	22.05
2-7/8	I6292	26.20
3	I6296	28.20
3-1/4	I62104	33.50

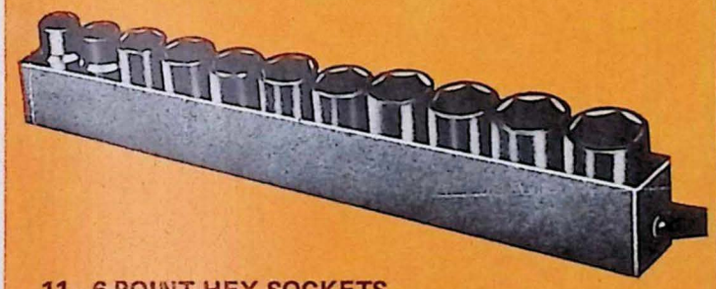
OTHER SOCKETS AVAILABLE UPON REQUEST

1½" SQUARE DRIVE

SIZE	NO.	PRICE	SIZE	NO.	PRICE
1-5/8 "	I8244	$16.44	2-3/16"	I8270	$21.03
1-7/16	I8246	16.44	2-1/4	I8272	21.75
1-1/2	I8248	16.44	2-1/2	I8280	28.63
1-5/8	I8252	16.44	2-3/4	I8288	34.84
1-3/4	I8256	16.44	3	I8296	40.11
1-7/8	I8260	16.75	3-3/8	I82108	50.59
2	I8264	19.41	3-1/2	I82112	54.24

Impact Wrench Accessories

1/2" SQUARE DRIVE SOCKET SET



11 - 6 POINT HEX SOCKETS
7/16" to 1-1/16"

PRICE $13.00

UNIVERSAL JOINTS

DRIVE	NO.	PRICE
1/2"	7470	$ 6.49
5/8	7670	7.73
3/4	7570	11.19
1	10670	17.05

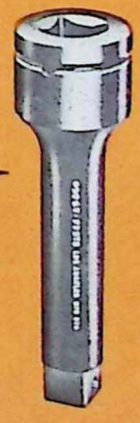
7670

No.	Drive Size Female	Drive Size Square	Price
7624	3/8"	1/2"	$2.75
7642	1/2	3/8	2.25
7654	1/2	5/8	2.37
7655	5/8	1/2	2.78
7656	5/8	3/4	3.36
7657	3/4	5/8	4.84
07655	3/4	1	4.64
07656	1	3/4	6.39
10004	1	1½	13.14

ADAPTERS
Converts Square Drive

No.	Drive	Length	Price
EP2-3	3/8 "	3"	$1.75
EP2-6	3/8	6	2.30
EP3-2	1/2	2	1.90
EP3-5	1/2	5	2.30
EP4-6	5/8	6	3.60
EP5-7	3/4	7	7.35
EP6-6	1	6	11.10

EXTENSIONS
Increases Length



No.	Square Drive	Hex Drive	Length	Price
D-008-2	1/4"	1/4"	2"	$1.58
D-208-2	3/8	1/4	2	1.90
D-210-3	3/8	5/16	2½	1.90
D-214-3	3/8	7/16	2¾	1.90
D-314-3	1/2	7/16	2¾	2.05
D-320-3	1/2	5/8	3	2.00
D-420-3	5/8	5/8	3	2.40
D-520-3	3/4	5/8	3	4.95

HEX SHANK ADAPTERS
Converts Slip Chuck to Square Drive

Hard Hitting Riveters

MICHIGAN PNEUMATIC MODEL B104 AIR HAMMER

The B104 hammers are designed for light hitting mechanical work. Cuts rivets off ball joints, king pins, etc. Also used for ripping, punching, driving or practically anything. Fast removal of exhaust system panel cutting.

$32.50

Weight	3 lbs.
Length	5 in.

LIGHT HITTING

OTHER MANUFACTURER'S LIST PRICE $42.50

MICHIGAN PNEUMATIC MODEL B103 AIR HAMMER

The B103 hammers are designed for medium hitting mechanical work. Cuts rivets off ball joints, king pins, etc. Also used for ripping, punching, driving or practically anything. Fast removal of muffler exhaust system, panel cutting.

$37.50

Weight	3½ lbs.
Length	5½ in.

MEDIUM HITTING

OTHER MANUFACTURER'S LIST PRICE $47.50

MICHIGAN PNEUMATIC MODEL B102 AIR HAMMER

The B102 hammers are designed for heavy duty mechanical work. Cuts rivets off ball joints, shackle pins, universal joints, king pins, etc. Also used for ripping, punching, driving or practically anything. The MP 100 series hammer doubles the striking power of any air pressure, and accelerates to 3500 strokes per minute. Most types of chisels, tools and accessories of hammers are interchangeable with the MP.

$47.50

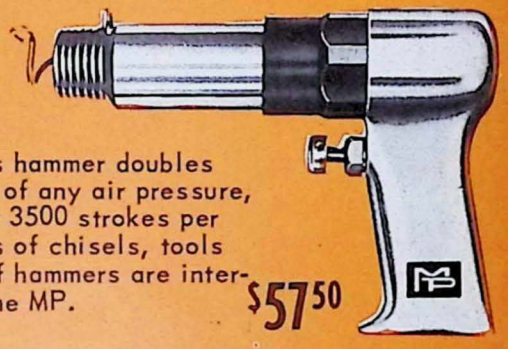
Weight	4 lbs.
Length	6 in.

HEAVY HITTING

OTHER MANUFACTURER'S LIST PRICE $59.50

MICHIGAN PNEUMATIC MODEL B101 AIR HAMMER

The B101 hammers are designed for heavy duty mechanical work. Cuts rivets off ball joints, shackle pins, universal joints, king pins, etc. Also used for ripping, punching, driving or practically anything. The MP 100 series hammer doubles the striking power of any air pressure, and accelerates to 3500 strokes per minute. Most types of chisels, tools and accessories of hammers are interchangeable with the MP.



$57.50

Weight	4½ lbs.
Length	7½ in.

EXTRA HEAVY DUTY

OTHER MANUFACTURER'S LIST PRICE $67.50

MICHIGAN PNEUMATIC MODEL MP 2040 ONE SHOT RIVETER

This tool is widely used in place of conventional vibrating type riveting hammers where the presence of vibration is objectionable. It is easy to hold in proper location on flush head rivets. When riveting thin sections deflection and stretch of the sheets can be eliminated by using this tool on the driven head end of the rivet.

LENGTH	8-1/8"
WEIGHT	3-1/2 lbs.
RIVET CAP.	1/8"
BORE	7/8"
STROKE	6"
AIR INLET SIZE	1/4"

$95.00

OTHER MANUFACTURER'S LIST PRICE $165.00

MICHIGAN PNEUMATIC MODEL MP 4590 CORNER HAMMERS

The outstanding feature of the Corner Riveter is its short overall length. This permits driving small rivets in close quarters in an extremely rapid series of light blows, where conventional hammers cannot reach. It is strong and durable on the job, which reduces maintenance costs.

It is also well suited for light peening, chipping and vibrating.

LENGTH	3-15/16"
WEIGHT	1-3/4 lbs.
RIVET CAP.	1/8"
BORE	11/16"
STROKE	1"

$95.00

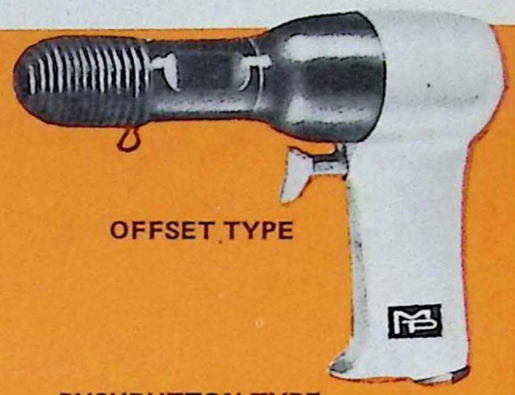
OTHER MANUFACTURER'S LIST PRICE $165.00

Riveters

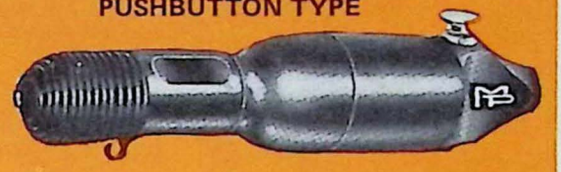
MICHIGAN PNEUMATIC MODEL MP 20X
LIGHT DUTY RIVETER

SPECIFICATIONS	PUSH BUTTON	PISTOL GRIP	OFFSET GRIP
Dural	1/8"	1/8"	1/8"
Steel	3/32"	3/32"	3/32"
Bore & Stroke	1/2"x2-1/4"	1/2"x2-1/4"	1/2"x2-1/4"
Blows per Minute	2580	2580	2580
Air Inlet Thrd Size (NPT)	1/4"	1/4"	1/4"
Overall Length with Retainer	8"	8-3/16"	6-11/16"
Net Weight	2 lbs.	3-7/8 lbs.	2-1/4 lbs.
PRICE	$95.00	$95.00	$95.00

OFFSET TYPE



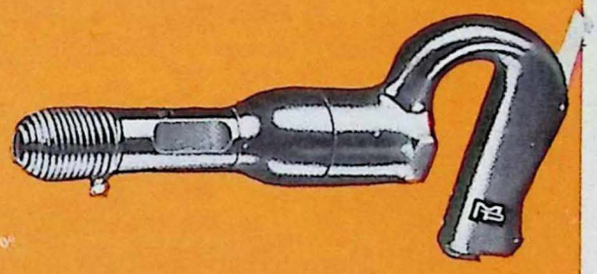
PUSHBUTTON TYPE



OTHER MANUFACTURER'S LIST PRICE $175.00

MICHIGAN PNEUMATIC MODEL MP 30X
MEDIUM LIGHT DUTY RIVETER

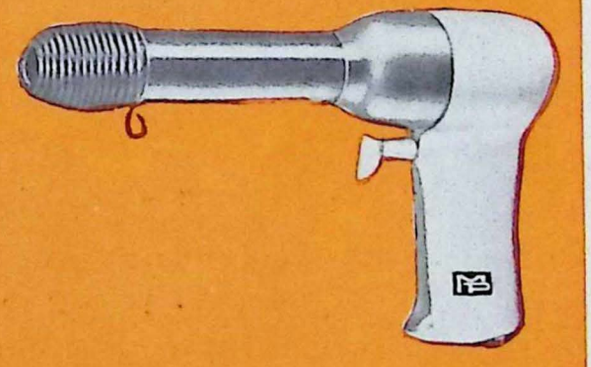
SPECIFICATIONS	PUSH BUTTON	PISTOL GRIP	OFFSET GRIP
Dural	3/16"	3/16"	3/16"
Steel	5/32"	5/32"	5/32"
Bore & Stroke	1/2"x2-7/8"	1/2"x2-7/8"	1/2"x2-7/8"
Blows per Minute	2160	2160	2160
Air Inlet Thrd Size (NPT)	1/4"	1/4"	1/4"
Overall Length with Retainer	8-5/8"	9-13/16"	7-5/16"
Net Weight	2-1/2 lbs.	4 lbs.	2-5/16 lbs.
PRICE	$95.00	$95.00	$95.00



OTHER MANUFACTURER'S LIST PRICE $175.00

MICHIGAN PNEUMATIC MODEL MP 40X
MEDIUM DUTY RIVETER

SPECIFICATIONS	PUSH BUTTON	PISTOL GRIP	OFFSET GRIP
Dural	1/4"	1/4"	1/4"
Steel	3/16"	3/16"	3/16"
Bore & Stroke	1/2"x3-1/16"	1/2"x3-1/16"	1/2"x3-1/16"
Blows per Minute	1740	1740	1740
Air Inlet Thrd Size (NPT)	1/4"	1/4"	1/4"
Overall Length with Retainer	9-5/8"	10-13/16"	8-5/16"
Net Weight	2-1/2 lbs.	4-1/2 lbs.	8-5/16 lbs.
PRICE	$95.00	$95.00	$95.00



OTHER MANUFACTURER'S LIST PRICE $175.00

MICHIGAN PNEUMATIC MODEL MP 50X
HEAVY DUTY RIVETER

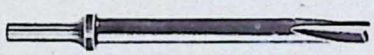
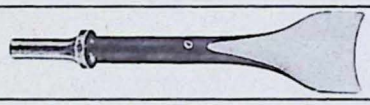
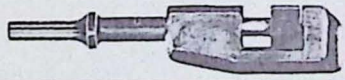
SPECIFICATIONS	PISTOL GRIP	OFFSET GRIP
Dural	1/4"	1/4"
Steel	3/16"	3/16"
Bore & Stroke	3/4"x2-11/15"	3/4"x2-11/15"
Blows per Minute	1560	1560
Air Inlet Thrd Size (NPT)	1/4"	1/4"
Overall Length with Retainers	11-3/4"	8-15/16"
Net Weight	7 lbs.	4-3/4 lbs.
PRICE	$125.00	$125.00

OTHER MANUFACTURER'S LIST PRICE $175.00

Chisels and Accessories

MICHIGAN PNEUMATIC .401 HEAVY DUTY CHISELS

For all Light Riveting Hammers, Panel Cutters and Zip Guns with .401 Parker Taper Bushing.

BLANK OR STRAIGHT PUNCH		$3.00
RIVET & BOLT CUTTER		$3.25
TAPER PUNCH		$3.25
FLAT CHISEL		$3.25
SCRAPER		$3.50
BODY RIPPER		$3.95
DOUBLE BLADED PANEL CUTTER		$3.95
MUFFLER CUTTER		$3.95
BUSHING CUTTER & SPLITTER		$3.95
BUSHING REMOVER		$3.95
TAILPIPE CUTTER		$3.95
TIE ROD TOOL		$5.95
BALL JOINT SEPARATOR		$8.95
FLANGING TOOL		$11.95

MICHIGAN PNEUMATIC SAFETY CHUCK CHISEL HOLDER

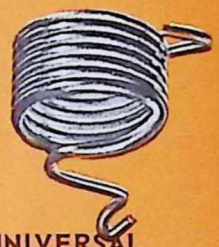
NEW SAFETY FEATURE FITS ALL PNEUMATIC HAMMERS

Prevents accidents, locks chisel firmly in place. Quick change chisels by turning 1 turn to the left. To lock chisel in place turn Safety Chuck 1 turn to the right. No springs to break

$4.95

MICHIGAN PNEUMATIC RETAINER SPRINGS

BEE HIVE

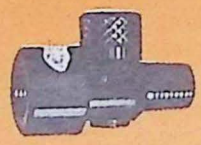


UNIVERSAL

Please specify type when ordering.

75c

MICHIGAN PNEUMATIC AIR INLET REGULATOR



¼" NPT at each end

$3.95

MICHIGAN PNEUMATIC AIR BLOW GUN

- 45° Nozzle
- Only one Moving Part
- Handy Hang-Up Hook

$2.95

SETS, DIES & ANVILS for AIR BUCKS

$27.50

$3.75

$4.25

NAIL DRIVER SET

for use with tools having 401 SHANK	
MP 401 - 375 (3/8" Dia. Nail Head)	$20.00
MP 401 - 500 (1/2" Dia. Nail Head)	
for use with tools having A-498 SHANK	
MP 498 - 500 (1/2" Dia. Nail Head)	$21.00
MP 498 - 625 (5/8" Dia. Nail Head)	

MARVEL AIR TOOL OIL

QUART $1.75

GALLON $6.00

Riveters

MICHIGAN PNEUMATIC MODEL MP1300-1 "AIR BUCK" RIVETER or PLATING RACK VIBRATOR

This riveter is used extensively in the aircraft industry for dimpling work. It can be used in all types of manufacturing for dural, soft iron, or aluminum rivets, by regulating the air pressure and a combination of controlling the barrel travel. This tool can also punch holes in steel or aluminum sheets, and can also be used as a plating rack cleaner and vibrator.

Weight 11-5/8 Lbs. Length ..... 13½ In.
Blows/Min... 2100 Rec. Hose Size 5/16 In.
Cap. 3/32" to 1/4" Rivets, 1/4" Holes

$150.00

OTHER MANUFACTURER'S LIST PRICE $350.00

MICHIGAN PNEUMATIC MODEL B2144C COMPRESSION RIVETER

This strong, silent tool is used to squeeze a large variety, size and type, of rivets. It insures exceptional uniformity and accuracy. It can also be used for dimpling, staking, stamping, punching, and pressing.

Weight ..... 4½ Lbs. Max. Travel ....9/16 In.
Cap..... 1/8" to 3/16" Aluminum Rivet 3/32" to 5/32" Steel
Yoke Reach ..... 1½ In.
(Other sizes available)

$150.00

OTHER MANUFACTURER'S LIST PRICE $235.00

MICHIGAN PNEUMATIC MODEL B2144A COMPRESSION RIVETER

This strong, silent tool is used to squeeze a large variety, size and type, of rivets. It insures exceptional uniformity and accuracy. It can also be used for dimpling, staking, stamping, punching, and pressing.

Weight ..... 5½ Lbs. Max. Travel .... 5/8 In.
Cap. ....1/8" to 3/16" Aluminum Rivet 3/32" to 5/32" Steel
Yoke Reach ..... 1½ In.
(Other sizes available)

$175.00

OTHER MANUFACTURER'S LIST PRICE $285.00

MICHIGAN PNEUMATIC MODEL MP6000 COMPRESSION RIVETER

Their quiet operation and light weight are just two of several features which have made Pact Compression Tools the most popular in a wide range of industries. They have been designed and manufactured to be practically indestructible. The needle roller bearings used are another reason why these compression tools have a reputation for lifetime, trouble-free operation.

$225.00

Power	6000 lbs.	Air Hose	¼"
Rivet Capacity Dural	3/16"	Set Travel	9/16"
Steel	5/32"	Recommended Line Pressure	90 lbs.
Standard Yoke Reach	1½" or 2"	Weight (with standard yoke)	6 lbs.

OTHER MANUFACTURER'S LIST PRICE $380.00

MICHIGAN PNEUMATIC MODEL MP3000 COMPRESSION RIVETER

The Pact Compression Tools are precision manufactured, light weight and compact. They are designed for hand held or bench operation by skilled or unskilled personnel performing such operations as – Riveting, Crimping, Punching, Staking, Inserting, Swaging, Cutting or Forming.

$250.00

Power	3000 lbs.	Set Travel	9/16"
Rivet Capacity Dural	5/32"	Recommended Line Pressure	90 lbs.
Steel	1/8"		
Standard Yoke Reach	1½" or 2"	Weight (with standard yoke)	4½ lbs.
Air Hose	¼"		

OTHER MANUFACTURER'S LIST PRICE $350.00

Blind "Pop" Riveter & Panel Saw

MICHIGAN PNEUMATIC

MODEL 702K
HAND RIVET GUN KIT

Sets . . . . . 1/8, 5/32, and 3/16" rivets

Sets with a simple, quick adjustment of the nozzle. The only tool of its kind that can be operated easily with one hand, with the other hand on work. Complete with hand gun, steel box and full assortment of rivets, Sets rivets twice as fast!

$22.95

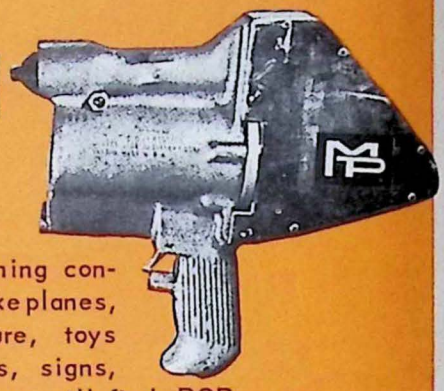
OTHER MANUFACTURER'S LIST PRICE $28.75

MICHIGAN PNEUMATIC B8997-20

"POP" RIVETER

Sets . . . . . 7/64, 1/8" Monel rivets 1/8, 5/32" Aluminum rivets

Weight . . . . . 7 lbs.
PSI . . . . . 75 lbs.



Because of their unique design, "POP" Rivets provide design and production engineers with a new concept in fastening convenience. Whether you make planes, missiles, metal furniture, toys or boats, roofs, gutters, signs, or construct buildings, you will find POP Rivets offer production savings and improved fastening flexibility.

$72.50

OTHER MANUFACTURER'S LIST PRICE $119.00

MICHIGAN PNEUMATIC MODEL 5

AIR SNAPO

Sets . . . . . 1/8, 5/32, and 3/16" rivets

Weight . . . . . 3-1/4 lbs.
PSI . . . . . 75-150 lbs.

SNAPO
Aluminum Rivets with Steel Mandels

AS44F	1/8" Dia. x 3/8" long	$ 7.60 per 500
AS54F	5/32" Dia. x 3/8" long	$11.40 per 500
AS64F	3/16" Dia. x 3/8" long	$ 6.40 per 250

AIR HYDRAULIC POWER GUN

Compact, lightweight power tool, perfect for assembly-line work or any quantity application of SNAPO rivets.

$99.50

OTHER MANUFACTURER'S LIST PRICE $119.00

MICHIGAN PNEUMATIC MODEL 8

AIR SNAPO

Nozzle Bushings . . . 1/8, 5/32, 3/16" rivets
Weight . . . . . 3½ lbs.

Easy finger pressure on button switch provides fast, vibration free hydraulic action. Comes complete with metal carrying case.

AIR HYDRAULIC POWER GUN

$99.50

OTHER MANUFACTURER'S LIST PRICE $190.00

MICHIGAN PNEUMATIC MODEL MP 4

PANEL SAW

RPM	1,450	Length	14"
Depth Cut	1"	Weight	4½ lbs.
Throttle	Pistol	Air Inlet	¼"

"Work Horse" is a powerful, light weight air powered saw. This panel saw gives a clean, smooth, accurate cut, milled edges need no sanding or finishing and there is no warping or buckling on either side of cut. Includes blade safety guard and is fully adjustable. Following blades are standard.

Model MP 4
1–3-3/8" O.D. x 60 teeth x 7/16" Bore
1–3-3/8" O.D. x 80 teeth x 7/16" Bore

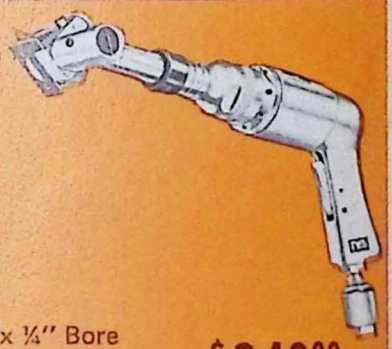
$240.00

MICHIGAN PNEUMATIC MODEL MP 3

PANEL SAW

RPM	1,450	Length	12½"
Depth Cut	¼"	Weight	4 lbs.
Throttle	Pistol	Air Inlet	¼"

Michigan Pneumatic Panel Saws are expressly designed for cutting and trimming panels and sheet like materials, such as plywood, plastics, honeycomb panels, masonite, plexiglass and formica. Ingenious design allows you to start your cut anywhere without starting holes and fear of scoring or damage. Following blades are standard:



3–1¼" O.D. x 44 teeth x ¼" Bore
3–1½" O.D. x 60 teeth x ¼" Bore
Metal carrying case optional.

$240.00

Cutting Tools

MICHIGAN PNEUMATIC **MODEL B-AN16**

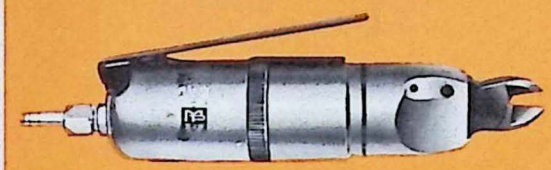
AIR NIP WIRE TRIMMERS

$49.50

Weight	7 Oz.
Length	5-29/32 In.
Cutting Cap.	.062" Dia. Copper Wire

TROUBLE WITH TIGHT SPOTS? Michigan Pneumatic Air Nip Wire Trimmers have slim contour and pointed nose for maximum access!! For Production wire trimming, the air nip is a must!

OTHER MANUFACTURER'S LIST PRICE $75.00



MICHIGAN PNEUMATIC **MODEL B-AN25**

AIR NIP WIRE TRIMMERS

$95.00

Weight	1-1/8 Lbs.
Length	8-19/32 In.
Cutting Cap.	.1" Dia. Copper Wire

Excellent qualities of this Air Nip Wire Trimmer are its long lasting adjustable jaws, light weight, combined with plenty of power. The standard nip blade can be interchanged to accommodate bending, crimping, and lengthening functions. Requires no air line lubrication. Will operate indifinitely with lubrication applied during assembly.

OTHER MANUFACTURER'S LIST PRICE $135.00

MICHIGAN PNEUMATIC **MODEL MP 600**

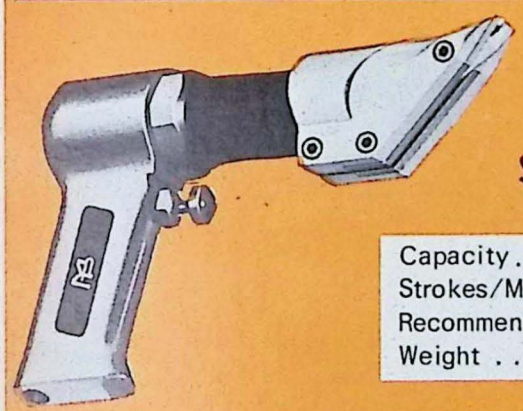
METAL SHEARS

$69.90

Capacity	.050" Thick
Strokes/Min	18000
Recommended Pressure	90 PSI
Weight	.3 lbs.

Compact and lightweight for maximum flexibility. The cutting head is adjustable for easier side and overhead work. This tool cuts, trims, outlines and shears in straight cuts. It circles and contours for radius trimming of material.

OTHER MANUFACTURER'S LIST PRICE $89.50



MICHIGAN PNEUMATIC **MODEL MP 700**

HEAVY DUTY METAL SHEARS

$89.90

Capacity	20 Gage
Strokes/Min	6000
Recommended Pressure	90 PSI
Weight	.4 lbs.

Compact and lightweight for maximum flexibility. The cutting head is adjustable for easier side and overhead work. This tool cuts, trims, outlines and shears in straight cuts. It circles and contours for radius trimming of material.

OTHER MANUFACTURER'S LIST PRICE $109.90

MICHIGAN PNEUMATIC **MODEL V**

RECIPROCATING SAW

$84.50

Weight	3½ Lbs.
Length	9½ In.

Simple, precise, one-hand operation. Gets into spaces impossible with outdated hand tools. Odd sized blades and files quickly adapted for use with this tool. 360-degree radial barrel makes intricate scroll cutting a routine job.

HEAVY DUTY MODEL "R" AVAILABLE AT $109.50

Push & Lever Type Weld Flux Scalers

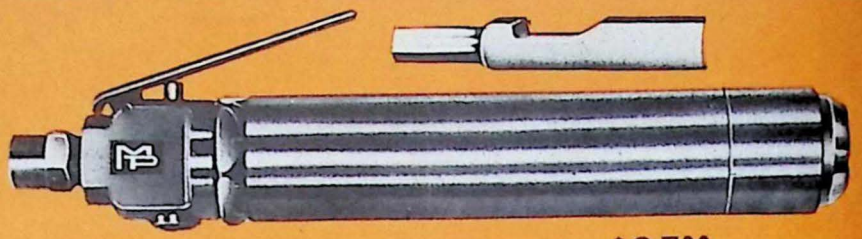
MICHIGAN PNEUMATIC **MODEL L-1SR**

SCALING HAMMERS

Michigan Pneumatic Scalers are of improved design for general scaling, beading and peening. Tool noses are replaceable. Michigan Pneumatic Scalers grip the chisel firmly, thus are ideal for close work. **Takes ½" Square Chisel.**

WEIGHT	4 POUNDS
OVERALL LENGTH	10 INCHES
BLOWS PER MINUTE	4200

15/16" Bore – 1" Stroke – Lever Throttle



$85.00

OTHER MANUFACTURER'S LIST PRICE $140.00

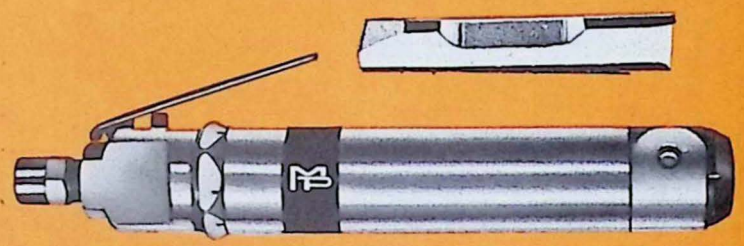
MICHIGAN PNEUMATIC **MODEL L-455C**

SCALING HAMMERS

This Michigan Pneumatic Scaler is very powerful for its capacity. It is wonderful at such jobs as bending, forming, creasing, and ironing sheet metal. **Takes ½" Quarter Octagon Chisel.**

WEIGHT	4 POUNDS
OVERALL LENGTH	10 INCHES
BLOWS PER MINUTE	4200

15/16" Bore – 1" Stroke – Lever Throttle



$87.50

OTHER MANUFACTURER'S LIST PRICE $150.00

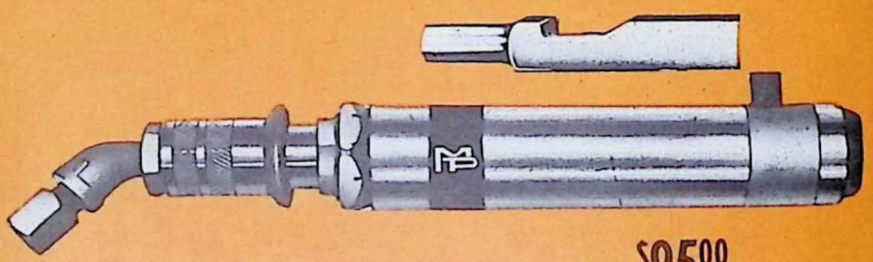
MICHIGAN PNEUMATIC **MODEL P-1SR**

SCALING HAMMERS

These scalers are comparable to the Cleco B1A and Rotor S-1. The scalers take 1/2" square chisels that are interchangeable.

WEIGHT	3½ POUNDS
OVERALL LENGTH	8 INCHES
BLOWS PER MINUTE	4200

1" Bore – 1" Stroke – Push Throttle



$95.00

OTHER MANUFACTURER'S LIST PRICE $140.00

MICHIGAN PNEUMATIC **MODEL P-455C**

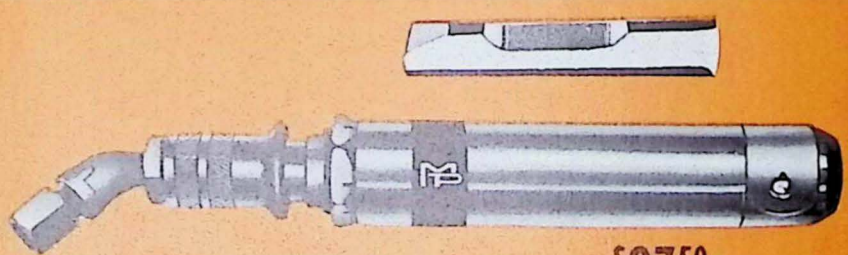
SCALING HAMMERS

These scalers are comparable to the CP 455 – IR 18 – IR 181 and Thor 7. The chisels are interchangeable.

Takes ½" Quarter Octagon Chisel.

WEIGHT	4 POUNDS
OVERALL LENGTH	10 INCHES
BLOWS PER MINUTE	4200

15/16" Bore – 1" Stroke – Push Throttle



$97.50

OTHER MANUFACTURER'S LIST PRICE $150.00

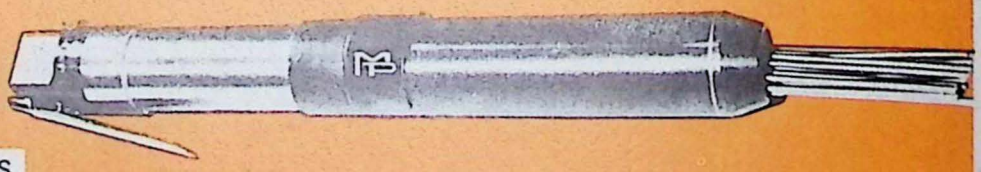
MICHIGAN PNEUMATIC **MODEL B25M**

NEEDLE SCALER

These Needle Scalers have hardened alloy steel needles which insure long life. Also equipped with integral clamp, needle retainer, teasing throttle and adjustable housing guide.

WEIGHT	5½ POUNDS
OVERALL LENGTH	16½ INCHES
BLOWS PER MINUTE	4000

1" Bore – 7/8" Stroke – Lever Throttle



$119.00

OTHER MANUFACTURER'S LIST PRICE $165.00

Scalers

MICHIGAN PNEUMATIC MODEL B16M
NEEDLE SCALER

Includes 2 sets of 2mm hardened steel needles with needle holder, open end wrench.
In de-rusting and cleaning of metals, peening of welded joints, cleaning of hardened concrete from construction equipments, Jet Chisel offers versatility for working in any confined space or contoured surface with lowest air consumption.

$99.00

Weight	3 lbs.	Length	8¼ in.
Chisel Stroke	0.67"	Piston Diam.	0.55 x 0.63
Piston Stroke	0.86"	Pres. Req.	85 psi
Air Cons.	3.53 CFM	Stroke	4000/min

OTHER MANUFACTURER'S LIST PRICE $149.00

MICHIGAN PNEUMATIC MODEL B401M
SCALING HAMMERS

$125.00

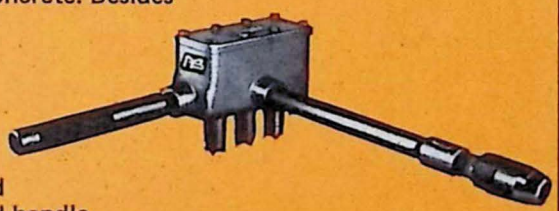
This is a lightweight strong scaling hammer with reciprocating piston and grip ring throttle. It may be used for a variety of tasks in many different fields.

Weight	4 lbs.	Height	4"
No. of Pistons	1	Overall Length	19-3/16"
Blows/Min.	8000		

OTHER MANUFACTURER'S LIST PRICE $160.00

MICHIGAN PNEUMATIC MODEL B40030
TRIPLEX SCALER

This heavy duty tool was made for cleaning, scaling bridges, ship decks, and hulls, railroad cars, structural steel pipe, and for roughing concrete. Besides being a hand tool, by mounting the scaler on a frame, it can become a multi purpose. Part of the standard equipment is a dead handle, which may be replaced with a pipe plug for scaling in close quarters.



$140.00

Weight	5 lbs.	Height	3¼"
No. of Pistons	3	Overall Length	20½"
Blows/Min.	8000	Stroke	9/16"

OTHER MANUFACTURERS'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B20M
NEEDLE SCALER

$149.00

Includes 2 sets of 2mm and 2 sets of 3mm hardened steel needles, needle holder for each size, open end wrench, oil dispenser.

Weight	5 lbs.	Length	13½ in.
Chisel Stroke	0.67"	Piston Dia.	0.708 x 0.787
Piston Stroke	1.1"	Pres. Req.	85 psi
Air Cons.	7 CFM	Stroke	4000/min

REPLACEMENT NEEDLES

2mm set (29 pec.)	$5.50
3mm set (12 pec.)	4.50

OTHER MANUFACTURER'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B403M
TRIPLEX SCALER

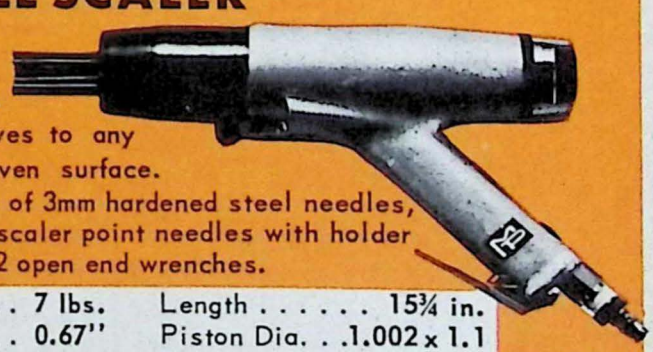
This heavy duty tool was made for cleaning, scaling bridges, ship decks, and hulls, railroad cars, structural steel pipe, and for roughing concrete. Besides being a hand tool, by mounting the scaler on a frame, it can become a multiple purpose. Part of the standard equipment is a dead handle, which may be replaced with a pipe plug for scaling in close quarters.

$160.00

Weight	13 lbs.	Stroke	9/16 in.
		Blows/min.	8000

OTHER MANUFACTURER'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B28M
NEEDLE SCALER



Outstanding Performance — The needles adapt themselves to any curved or uneven surface.
Includes 2 sets of 3mm hardened steel needles, 2 sets of 4mm scaler point needles with holder for each size, 2 open end wrenches.

Weight	7 lbs.	Length	15¾ in.
Chisel Stroke	0.67"	Piston Dia.	1.002 x 1.1
Piston Stroke	1.18"	Pres. Req.	85 psi
Air Cons.	12 CFM	Stroke	4000/min

$195.00

REPLACEMENT NEEDLES

2mm set (29 pec.)	$5.50
3mm set (20 pec.)	$6.95
4mm set (12 pec. scaler point)	7.95

OTHER MANUFACTURER'S LIST PRICE $245.00

Concrete Scalers & Special Equipment

MICHIGAN PNEUMATIC

ATOMUFFLER EXHAUST SILENCER

ATOMUFFLER is noted for its remarkable versatility and range of applications. Designed for any degree of flow or pressure — constant or variable — it may be mounted in any position directly on the exhaust port of the equipment. ATOMUFFLER's radial full-flow design eliminates the need for individually engineered muffler systems. Typical applications are: • PUMPS • BLOWERS • AIR TOOLS • COMPRESSORS • AIR HOISTS • VACUUM PUMPS • AIR LIFTS • AIR MOTORS • AIR STARTERS • STEAM-EXHAUST AIR-OPERATED DEVICES.

Model	Pipe Size	Length	Dia.	Weight	New Price
M01	1/8"	3"	1-7/8"	4 oz.	$2.95
M02	1/4"	4"	1-7/8"	5 oz.	3.45
M00	3/8"	4-3/4"	2-5/8"	8 oz.	4.95
M05	1/2"	5-1/2"	3-1/4"	10 oz.	5.45
M07	3/4"	6-3/4"	3-3/8"	12 oz.	5.95
M10	1"	8"	3-7/8"	1 lb.	6.95
M15	1-1/2"	13-1/4"	5-1/8"	3 lb.	10.95
M20	2"	18-1/4"	5-1/8"	4 lb.	15.95

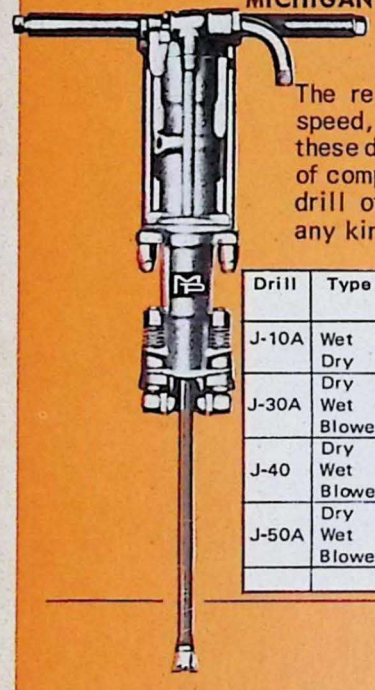
MICHIGAN PNEUMATIC

HEAVY DUTY VISE

LOCKING SWIVEL BASE
REPLACEABLE JAWS

MP BRAND VISES are a pleasure to work with. Their smooth operation and rugged dependability make them an outstanding tool for a production shop, farm or home workshop. Their high quality workmanship insures you of a vise that will outlast and outperform any other vise.

Specifications:	3-1/2"	4"	5"	6"
Jaw Opening	3-3/4"	4"	6"	7"
Overall Height	8-1/8"	9-3/16"	10"	11-1/4"
Overall Width	9"	10-7/8"	11-1/4"	12-1/2"
Overall Length	14-1/2"	16-5/8"	18"	20-1/4"
Net Weight (approx.)	38 lbs.	55 lbs.	67 lbs.	78 lbs.
PRICE	$25.00	$29.00	$47.50	$52.50



MICHIGAN PNEUMATIC

ROCK DRILLS

The relative light weight, fast drilling speed, stamina, and easy holding of these drills have made them the standards of comparison the world over. There is a drill of the right weight and power for any kind of job.

Drill	Type	Wt. Lbs.	Length	Air Hose	PRICE
J-10A	Wet	21	19"	3/8" or 1/2"	495.00
	Dry	15	17-1/8"	3/8" or 1/2"	
J-30A	Dry	35	19-3/4"	3/4"	505.00
	Wet	36	19-3/4"		
	Blower	35	19-3/4"		
J-40	Dry	53	22-3/8"	3/4"	515.00
	Wet	55	22-3/8"		
	Blower	53	22-3/8"		
J-50A	Dry	59	23-11/16"	3/4"	525.00
	Wet	64	23-11/16"		
	Blower	60	23-11/16"		
		45		7/8"	535.00

MICHIGAN PNEUMATIC MODEL NCS-5

HAND TYPE CONCRETE SCALER

WITH GRIP RING THROTTLE
BUILT-IN 5 RECIPROCATING PISTONS

$185.00

Characteristics—removes latience from the first concrete coating speedily, providing a most ideal surface for fine concrete laying and or flooring. Reduces time and cost greatly. Ideal for wall surfaces. Sturdy construction ensures low maintenance, dependable service. Pistons are Titanium Alloy-tipped for long life.

Weight ..... 8½ Lbs.
No. of Pistons..... 5
Piston Dia 18mm
Blows per Min. 5500
Hose Size..... 3/8 In.

OTHER MANUFACTURER'S LIST PRICE $295.00

MICHIGAN PNEUMATIC MODEL NCS-9

LORRY TYPE CONCRETE SCALER

BUILT-IN 9 RECIPROCATING PISTONS AND MANIFOLD COCK

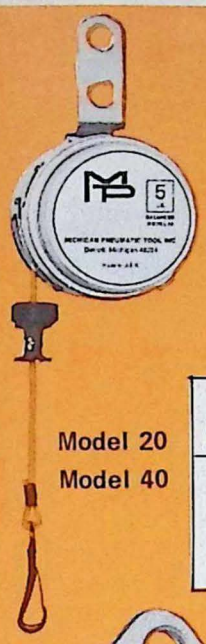
$795.00

Weight ..... 198 Lbs.
No. of Pistons..... 9
Piston Dia... 38mm
Blows per Min. 4000
Hose Size ....¾ In.

NCS-9 with two wheels is applicable to flooring and ceiling work. In contrast to the laitence removing methods employed hitherto, these new devices cut time and cost by over ten (10) times. Removes laitence at the rate of 220 sq. ft. per hour.

OTHER MANUFACTURER'S LIST PRICE $1095.00

Tool Balancers

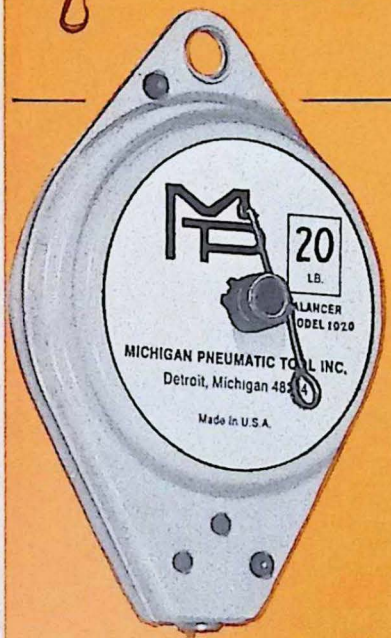


Model 20
Model 40

These tool balancers provide good performances for tool from 2½ to 10 pounds. Steel reinforced aluminum drum is hand windable and Can't be wound backwards. Push button tension release. No tool to adjust. Large cable opening protected by a cable guide. Non-fatiguing 285 lb. to 520 lb. nylon cable. It provides free movement at all angles.

Model 50

Model	Capacity	Weight (oz.)	Size		Cable Length	Cable Test	Min Hook to Hook Dist	Price
			Diameter	Depth				
20	2½ lbs.	9 oz.	3''	2''	10'	285 lbs.	7½''	$11.95
40	5 lbs.	10 oz.	3''	2''	10'	285 lbs.	7½''	11.95
50	7½ lbs.	15 oz.	3''	2''	10'	285 lbs.	7½''	16.50
22	10 lbs.	22 oz.	3½''	2½''	10'	520 lbs.	9½''	21.50



Heavy Duty

The heavy duty tool balancers are enclosed in a steel case with interior nylon sound deadening coating. It is provided with a high tensil nylon coated steel aircraft type cables. Centrifugal safety clutch stops rotating of drum in event of spring failure or accidental unhooking. The tension is released by simple pressing retainer spring. It is lubricated for life.

PRICES AND SPECIFICATIONS						
Model	Capacity	Weight	Size length x width x depth	Cable Length	Min. Hook to Hook	Price Each
1005	5 lbs.	3½ lbs.	8¾''x5½''x2½''	6 ft.	16 inches	$17.50
1010	10 lbs.	3¾ lbs.	8¾''x5½''x2¾''	6 ft.	16 inches	27.50
1015	15 lbs.	3¾ lbs.	8¾''x5½''x2¾''	6 ft.	16 inches	33.50
1020	20 lbs.	4 lbs.	8¾''x5½''x2¾''	6 ft.	16 inches	47.50

STOWAWAY COIL TOOL BALANCERS

The STOWAWAY COIL–BALANCER is specifically designed to make pneumatic tool handling on overhead installations simpler and easier, by ingeniously combining a 200 psi STOWAWAY self-storing, heavy duty air hose and a helically coiled inner retraction spring into a single, highly functional unit. When a worker pulls down on the pneumatic tool, the tool balancer expands in exact proportion to the force applied. Upon tool release, the coils contract, supporting the tool conveniently above the work station. The basic unit comes completely equipped and assembled for pneumatic air tool installation with permanently connected plastic end caps, brass hose fittings and top and lower flexable hose extensions arms. Each model has a maximum extension capacity of 36''

MODEL NO.	TOOL CAP.	FITTINGS	WEIGHT	PRICE
25	2½ lbs.	1/4'' NPT	4 lbs.	$32.00
50	5 lbs.	1/4'' NPT	4½ lbs.	34.00
75	7½ lbs.	3/8'' NPT	6½ lbs.	36.00
100	10 lbs.	3/8'' NPT	9 lbs.	38.00
150	15 lbs.	3/8'' NPT	10 lbs.	56.00

TOOL STABILIZERS for optional use on pistol grip tools

While the STOWAWAY COIL–BALANCER simplifies the installation of a lever operated screw driver, nut runner or other straight arm tool—a special tool stabilizing device is recommended for optional use on pistol grip tools such as staplers and sanders, to provide additional flexibility and adaptibility.

TS-1	Consists of two steel clamps and a connector link	$2.25
TS-2	Consists of a wire clamp, flexible metal cord and a snap-on tool attachment	$1.95

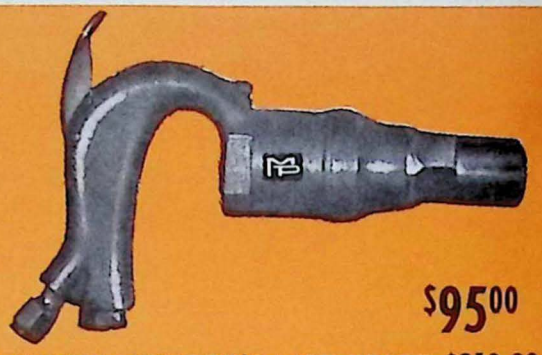
Chipping Hammers

MICHIGAN PNEUMATIC MODEL K-1 CHIPPING HAMMER

The Michigan Pneumatic Chipping Hammer is smooth to hold and very powerful for its capacity. Besides chipping and scaling, it is good for forming, bending, creasing, and ironing sheet metal.

WEIGHT . . . . 5-3/8 lbs.	BORE . . . . . 3/4"
STROKE . . . . . .1"	TAKES CHISEL BITS . . . . . .495 round

SPECIFY HEX OR ROUND



$95.00

OTHER MANUFACTURER'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B100C CHIPPING HAMMER

The Michigan Pneumatic Chipping Hammer is smooth to hold and very powerful for its capacity. Besides chipping and scaling, it is good for forming, bending, creasing, and ironing sheet metal.

WEIGHT . . . . . 11 LBS.	BLOWS 2800/MIN
LENGTH. . . .12-1/8 IN.	STROKE . . . . . 1 IN.

SPECIFY HEX OR ROUND

$95.00

OTHER MANUFACTURER'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B200C CHIPPING HAMMER

Controlled Power Chipping Hammers are high-speed, powerful, streamlined, lightweight tools. These Chipping Hammers are also widely used for paper box stripping and many other applications.

WEIGHT . . . . 12½ LBS.	BLOWS 2200/MIN
LENGTH. . 13-13/16 IN.	STROKE . . . . . 2 IN.

SPECIFY HEX OR ROUND

$115.00

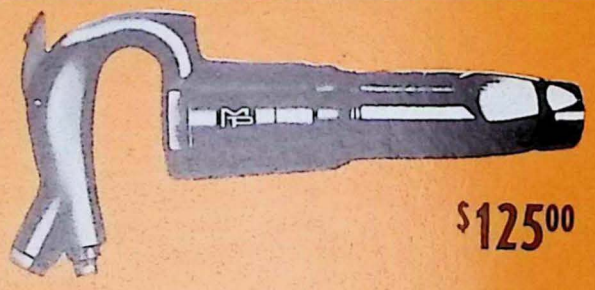
OTHER MANUFACTURER'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B300C CHIPPING HAMMER

The Michigan Pneumatic Chipping Hammer which is beneficial for creasing, forming, bending, and ironing sheet metal, is easy to handle and a very powerful tool.

WEIGHT . . . . . 14 LBS.	BLOWS 1700/MIN
LENGTH. . . .15-7/8 IN.	STROKE . . . . . 3 IN.

SPECIFY HEX OR ROUND



$125.00

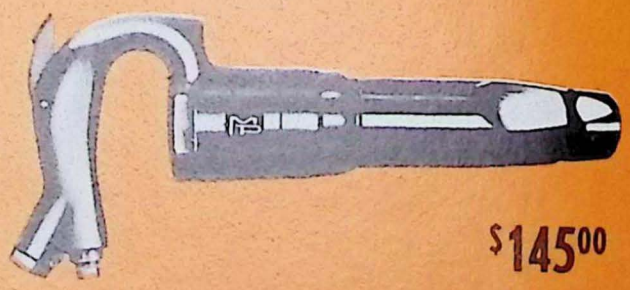
OTHER MANUFACTURER'S LIST PRICE $210.00

MICHIGAN PNEUMATIC MODEL B400C CHIPPING HAMMER

The Michigan Pneumatic Chipping Hammer which is good for many jobs such as bending, and ironing sheet metal, is a powerful tool and is easy to handle.

WEIGHT . . . . . 16 LBS.	BLOWS 1450/MIN
LENGTH. . . .17-7/8 IN.	STROKE . . . . . 4 IN.

SPECIFY HEX OR ROUND



$145.00

OTHER MANUFACTURER'S LIST PRICE $210.00

Retainer-Type Chipping Hammers

These chipping hammers retain the chisel in the hammer automatically. This eliminates the necessity of having the operator hold the chisel to keep if from falling out when the tool is not in use.

MICHIGAN PNEUMATIC MODEL B100C-R RETAINER CHIPPING HAMMER

The Michigan Pneumatic Retainer Chipping Hammers are powerful lightweight tools. They come in four (4) different sizes for chipping, beading, cleaning on castings, etc.

LENGTH. . . . .12-1/8 IN.	BLOWS . . . . . .2800 P. M.
WEIGHT . . . . . 11 LBS.	STROKE . . . . . 1 IN.

SPECIFY HEX OR ROUND

$120.00

OTHER MANUFACTURER'S LIST PRICE $235.00

MICHIGAN PNEUMATIC MODEL B200C-R RETAINER CHIPPING HAMMER

This Michigan Pneumatic Retainer Chipping Hammer is excellent for chipping, scaling, cleaning work on castings, billets, etc. It is used also for paper box stripping and various other uses.

LENGTH. . 13-13/16 IN.	BLOWS . . . . . 2200 P. M.
WEIGHT . . . . . 12½ LBS.	STROKE . . . . . 2 IN.

SPECIFY HEX OR ROUND

$135.00

OTHER MANUFACTURER'S LIST PRICE $235.00

MICHIGAN PNEUMATIC MODEL B300C-R RETAINER CHIPPING HAMMER

Chipping Hammers for medium chipping to extra heavy duty chipping. Delivering fast, powerful blows and producing maximum energy with tool weight at minimum.

LENGTH. . . . .14-7/8 IN.	BLOWS . . . . . .1700 P. M.
WEIGHT . . . . . .14 LBS.	STROKE . . . . . 3 IN.

SPECIFY HEX OR ROUND

$150.00

OTHER MANUFACTURER'S LIST PRICE $235.00

MICHIGAN PNEUMATIC MODEL B400C-R RETAINER CHIPPING HAMMER

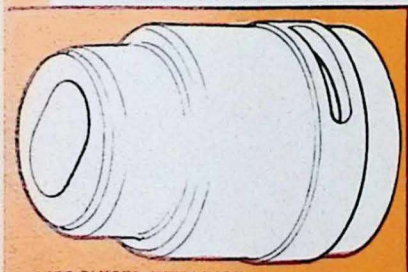
The Michigan Pneumatic Retainer Chipping Hammer is streamlined and excellent for heavy riveting, chipping, scaling, beading, etc. It has many different uses including paper box stripping.

LENGTH. . . . .17-7/8 IN.	BLOWS . . . . . .1450 P. M.
WEIGHT. . . . . 16 LBS.	STROKE . . . . . 4 IN.

SPECIFY HEX OR ROUND

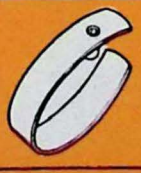
$170.00

OTHER MANUFACTURER'S LIST PRICE $235.00



1190 CHISEL RETAINER
Specify make and model of Chipping Hammer when ordering retainer.. $17.50

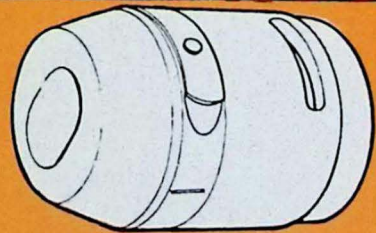
1194 Lock Spring used with 1190 and 1191 Retainer $.95



1191-2 Lock Spring for rotating insert $1.80

1191-3 Rotating Insert for 1191 Retainer $5.00

1191-4 Retaining Ring for Rotating Insert $.65

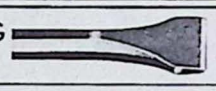
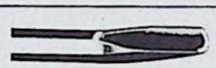
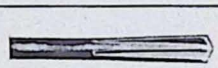
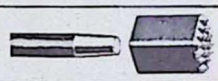


1191 CHISEL RETAINER QUICK CHANGE TYPE
Unnecessary to remove this Retainer to change tools. $20.00

Chipper & Scaler Chisels

STANDARD CHIPPING HAMMER CHISELS .580 Hex or .680 Round

For Michigan Pneumatic Models B100M – B200M – B300M – B400M Chippers as well as any standard Pneumatic Chipper.

FLAT CHISEL		PNEU-CUT CHISEL	
BULL POINT		RIPPER CHISEL	
FLAT CHISEL-SIDE CUT		BEADING TOOL	
ROUND NOSE CHISEL		FOUNDRY SCALING TOOL	
CAPE CHISEL		STRAIGHT SEAM TOOL	
DIAMOND POINT CHISEL		STRAIGHT RIVET CALKING	
HALF ROUND NOSE CHISEL		STRAIGHT FULLER	
WIDE SCALING CHISEL		STRAIGHT ROUGHING	
HOLLOW GOUGE		STAR DRILL	
HOT CUT CHISEL		BUSHING TOOL	

SPECIFY HEX OR ROUND **$2.00 EA.** Except as noted below

Chisel Blank	$1.75	Foundry Scaling Tool	$8.25
Pneu-Cut Chisel	$2.75	Star Drills	$3.50 and up
Beading Tool	$3.75	Bushing Tool	$15.00

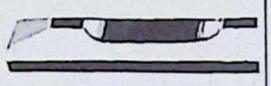
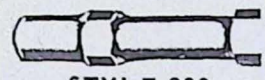
OVAL COLLAR RETAINER CHISELS

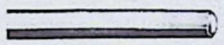
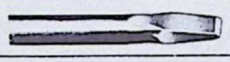
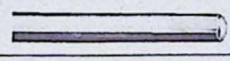
.580 HEX OR .680 ROUND

For Chipping Hammers with Ajax or Arrow Retainers and Michigan Pneumatic Models B100M-R, B200M-R, B300M-R, and B400M-R. Wide Scaling Chisel $4.50 Ea. **$3.25 Ea.**

FLAT CHISEL		CAPE CHISEL	
BULL POINT		DIAMOND POINT CHISEL	
ROUND NOSE CHISEL		WIDE SCALING CHISEL	

WELD FLUX SCALER CHISELS

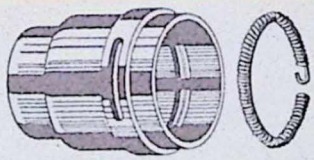
SHANK STYLE	FOR THE FOLLOWING HAMMERS
 STYLE 100	Chicago Pneumatic – 455-457-458-459 Ingersoll Rand – 17-18-171-181 Thor – All Series Gardner Denver – Mich.Pneumatic - L455C- P455C - 118
STYLE 200	Cleco – B1-A B1-BV B1-AJ Rotor – All Series S1 Michigan Pneumatic – L1SR P1SR
 STYLE 300	Master Power – 205 - 206

BLADE STYLES		CUTTING WIDTH	PRICE
CHISEL BLANK			2.25
WIDE SCALING CHISEL		1 3/8"	2.80
ANGLE SCALING CHISEL		1 3/8"	2.80
NARROW CHISEL		5/8"	2.80
DIAMOND POINT CHISEL		1/4"	2.80
CAPE CHISEL		1/4"	2.80
ROUND NOSE CHISEL		1/4"	2.80
PEENING TOOL		9/16" radius	2.80
BUSHING TOOL		9 tooth	2.80

The lengths of the above Scaling Chisels are 6½" to 7" with the exception of the Peening Tool which is 4". Other lengths are available.

IMPORTANT: Specify Shank Style and Blade Style and Make and Model Number of Hammer.

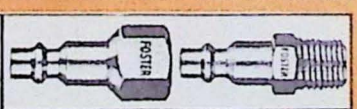
RETAINERS FOR GROOVED CHIPPERS



STANDARD RETAINER & SPRING **$18.45**

MICHIGAN PNEUMATIC

QUICK CHANGE COUPLINGS



SOCKETS FEMALE OR MALE THREAD		PLUGS FEMALE OR MALE THREAD	
1/8"	$1.60	1/8"	$ .40
1/4"	1.60	1/4"	.40
3/8"	1.70	3/8"	.50
1/2"	3.50	1/2"	1.10

Please Specify Female or Male Thread when Ordering

UNIVERSAL FITTINGS

HOSE END COUPLING | MALE END COUPLING | FEMALE END COUPLING **$1.50**

AVAILABLE IN 3/8", 1/2" 3/4", 1" HOSE AND N.P.T. SIZES

Air Line Accessories

MICHIGAN PNEUMATIC

FILTERS

Pipe Size	Bowl Capacity	Brand New
1/4" N.P.T.	3 oz.	$8.00
3/8" N.P.T.	8 oz.	8.00
1/2" N.P.T.	8 oz.	10.00
3/4" N.P.T.	28 oz.	19.00
1" N.P.T.	28 oz.	19.00

These Air Line Filters remove the danger of corrosive damage to compressed air equipment by efficiently removing harmful foreign matter (such as moisture, pipe scale, dirt, and rust) from the air stream.

MICHIGAN PNEUMATIC

LUBRICATORS

Pipe Size	Bowl Capacity	Brand New
1/4" N.P.T.	3 oz.	$10.00
3/8" N.P.T.	8 oz.	10.00
1/2" N.P.T.	8 oz.	11.00
3/4" N.P.T.	28 oz.	19.00
1" N.P.T.	28 oz.	19.00

This Air Line Lubricator automatically introduces an oil mist into the compressed air stream. This lubricates all precision working parts and thus prolongs the life and reduces maintenance on compressed air operated machinery and appliances.

MICHIGAN PNEUMATIC

REGULATORS

Pipe Size	Brand New Less Gauge	Brand New With Gauge
1/4" N.P.T.	$ 6.00	$8.00
3/8" N.P.T.	6.00	8.00
1/2" N.P.T.	9.00	11.00
3/4" N.P.T.	17.00	19.00
1" N.P.T.	17.00	19.00

Primary Pressure is 250 PSIG — Secondary Pressure Standard is O-125 PSIG — Gauge Ports are ¼" NPT — Operating Temperature is minus 40 deg. to plus 180 deg. F. Relieving type standard — automatically relieves air pressure build up at dead end installations assuring accurate pressure control.

MICHIGAN PNEUMATIC

COMPLETE ASSEMBLIES

Size	Brand New
1/4" N.P.T.	$26.00
3/8" N.P.T.	26.00
1/2" N.P.T.	32.00
3/4" N.P.T.	58.00
1" N.P.T.	58.00

This Trio Control (filter, regulator, lubricator, gauge) is an efficient, compact control assembly specially adaptable for compressed air operated machinery as a permanent control for the lubrication of clutches, cylinders, valves, and all air actuated devices.

MICHIGAN PNEUMATIC

AIRLINE FILTERS With Automatic Drain

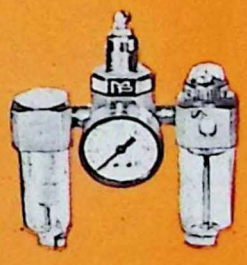
1/4" N.P.T.	$18.50
3/8" N.P.T.	19.50
1/2" N.P.T.	19.50
3/4" N.P.T.	31.00
1" N.P.T.	31.00

This Filter is a perfect solution to low cost, automatic discharge of water and contaminants from a compressed air line.

MICHIGAN PNEUMATIC

MINIATURE ASSEMBLIES

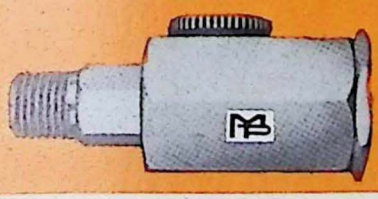
1/8" N.P.T.	$21.95
1/4" N.P.T.	21.95



Where space is a premium and dependable performance is a must we advise the above miniature assys.

MICHIGAN PNEUMATIC

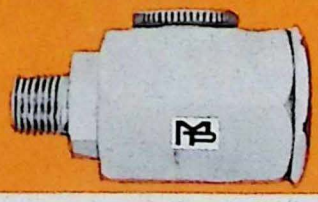
MINI-LUBE
Portable Lubricator



Weight:	2½ ounces.
Size:	2½" overall length. Approximately 1-5/16" max. O.D.
Port Sizes:	1/8" and 1/4" pipe.
Oil Capacity:	5 C.C.s.
List Price:	$7.95

MICHIGAN PNEUMATIC

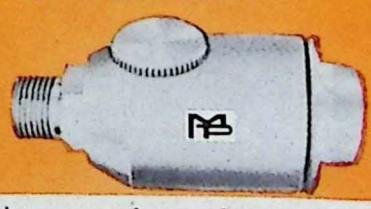
MIDGET-LUBE
Portable Lubricator



Weight:	Approximately 3½ ounces.
Size:	2½" overall length Approximately 1½" Max. O.D.
Port Sizes:	1/4"–3/8" pipe
Oil Capacity:	Approximately 9 C.C.s.
List Price:	$10.95

MICHIGAN PNEUMATIC

MASTER-LUBE
Portable Lubricator



Weight:	Approximately 5 ounces.
Size:	3¼" overall length. Approximately 1-5/8" max. O.D.
Port Size:	1/4"–3/8"–1/2" pipe.
Oil Capacity:	Approximately 22 C.C.s.
List Price:	$12.95

Pavement Breakers

MICHIGAN PNEUMATIC **MODEL BCP115**

PAVEMENT BREAKER

These Michigan Pneumatic 60 lb. class paving breakers are suitable for demolition of all kinds. They will tear out concrete, brick foundations and remove slag from ladles and furnaces.

Weight . . . . . 65 Lbs.
Length. . . . . .25½ In.

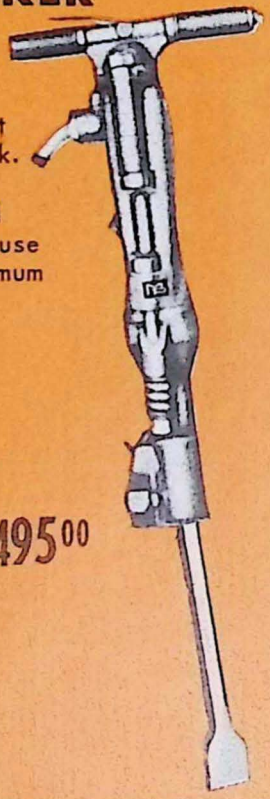
1-1/8" CHUCK SIZE
LATCH RETAINER

$495.00

OTHER MANUFACTURER'S
LIST PRICE $705.00

MICHIGAN PNEUMATIC **MODEL BCP117**

PAVEMENT BREAKER



This Michigan Pneumatic Pavement Breaker is wonderful for heavy work. The breaker has good dimensions, has strong construction and is well balanced. It has easy service because it is simply constructed, with minimum wear on parts.

Weight . . . . . .80 Lbs.
Length . . . . . .28¼ In.

Available in
1-1/8 or 1-1/4 Chuck Size
Latch or Spring Retainer
– Please Specify

$495.00

OTHER MANUFACTURER'S
LIST PRICE $745.00

FROST WEDGE

1-1/8" x 6" Blade 3" x 12"	18"	$16.55
1-1/4" x 6" Blade 3" x 12"	18"	17.30

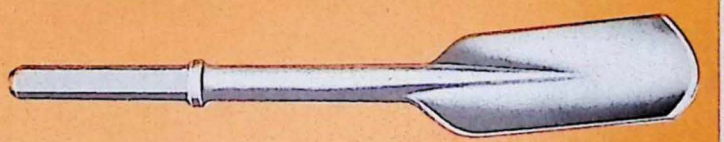
DIGGING CHISEL

1-1/8" x 6"	15-1/2"	$16.55
1-1/4" x 6"	15-1/2"	17.30

ROCK BREAKER

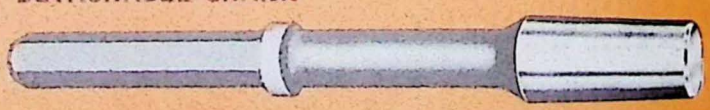
1-1/8" x 6"	14-1/2"	$17.55
1-1/4" x 6"	14-1/2"	18.95

CLAY SPADE FOR BREAKER



1" x 4-1/4"	16"	$18.05
1-1/8" x 6"	16"	19.65
1-1/4" x 6"	16"	20.70

DETACHABLE SHANK



1-1/8" x 6"	9"	$10.70
1-1/4" x 6"	9"	11.65

ROUND DIRT TAMPER PAD

SQUARE DIRT TAMPER PAD

SHEATHING SHOE

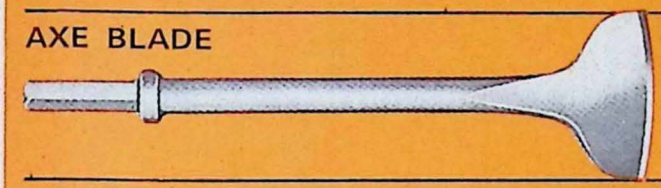
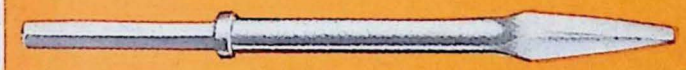
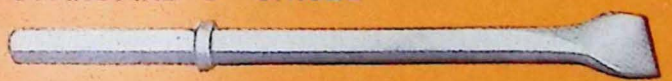
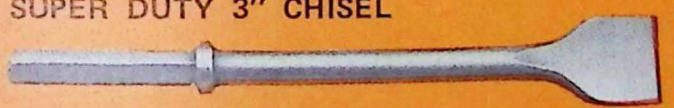
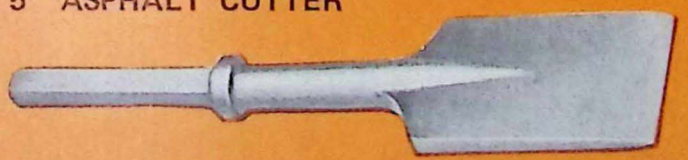
TAMPING PAD

6" Sq.	$18.15
8" Sq.	22.45
7" Rd.	18.15

SHEATHING SHOE

2"	$26.75
3"	28.00

Pavement Breaker Tools

	Shank Size Hex	Length Under Collar	PRICE
ASPHALT WEDGE	1-1/8"x6"	12"	13.25
	1-1/4"x6"	12"	14.30
BRICK WEDGE	1-1/8"x6"	12"	16.55
	1-1/4"x6"	12"	17.30
AXE BLADE 	1"x4-1/4"	12"	13.60
	1-1/8"x6"	12"	19.60
	1-1/4"x6"	12"	20.70
FORM PIN DRIVER	1"x4-1/4"	8"	14.60
	1-1/8"x6"	8"	15.30
	1-1/4"x6"	8"	16.05
SUPER CUT CHISEL 	1"x4-1/4"	16"	8.00
	1-1/8"x6"	16"	8.20
	1-1/4"x6"	16"	9.25
STANDARD MOIL POINT	1-1/8"x6"	14"	5.15
		18"	5.80
	1-1/4"x6"	14"	5.90
		10"	6.50
SUPER DUTY MOIL POINT	1-1/8"x6"	14"	6.05
		18"	7.10
	1-1/4"x6"	14"	7.10
		18"	8.45
STANDARD NARROW CHISEL	1-1/8"x6"	14"	5.15
		18"	5.80
	1-1/4"x6"	14"	5.90
		18"	6.50
SUPER DUTY NARROW CHISEL	1-1/8"x6"	14"	6.05
		18"	7.10
	1-1/4"x6"	14"	7.10
		18"	8.45
STANDARD 3" CHISEL 	1-1/8"x6"	14"	6.65
		18"	7.25
	1-1/4"x6"	14"	7.35
		18"	8.20
SUPER DUTY 3" CHISEL 	1"x4-1/4"	18"	8.50
	1-1/8"x6"	18"	9.35
	1-1/4"x6"	18"	10.60
5" ASPHALT CUTTER 	1"x4-1/4"	11"	16.00
	1-1/8"x6"	11"	16.55
	1-1/4"x6"	11"	17.30

Clay Diggers & Clay Digger Tools

MICHIGAN PNEUMATIC MODEL B733-1 CLAY DIGGER

Clay Diggers are light in weight and extremely powerful for their size. They are used for digging in hard clay, hard sand and frozen ground; cutting out brick or asphalt paving and breaking light concrete.

Available in 7/8" Hex or 3/4" Square — Please Specify

$275.00

Weight	19½ Lbs.
Piston Stroke	2½ In.
Pipe Tap	3/8 In.
Length	19¼ In.
Size Hose Rec'm.	3/8"

OTHER MANUFACTURER'S LIST PRICE $405.00

MICHIGAN PNEUMATIC MODEL B85-1 CLAY DIGGER

One operator using this Clay Digger can out-perform five to ten men using hand tools. The ideal tool for winter excavation work of all kinds.

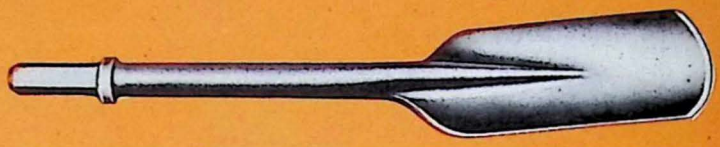
Available in 7/8" Hex or 3/4" Square — Please Specify

$375.00

Weight	28½ Lbs.
Piston Stroke	4-3/8 In.
Pipe Tap	3/8 In.
Length	23-5/8 In.
Size Hose Rec'm.	½"

OTHER MANUFACTURER'S LIST PRICE $405.00

CLAY SCOOP FOR DIGGER



3/4" Sq. x 2-3/4"	16"	$18.45
7/8" Hex x 2-3/4"	16"	18.45
7/8" Hex x 3-1/4"	16"	18.45
7/8" Hex Rd. x 3-1/4"	16"	18.45
3/4" Hex Rd. x 2-3/4"	16"	18.45

CLAY PICK

3/4" Sq. x 2-3/4"	16"	$18.50
7/8" Hex x 2-3/4"	16"	18.50
3/4" Hex Rd. x 2-3/4"	16"	18.50
7/8" Hex Rd. x 3-1/4"	16"	18.50
1" Hex x 4-1/4"	16"	18.50
7/8" Hex x 3-1/4"	16"	18.50

BUSHING TOOL

3/4" Sq. x 2-3/4"	9"	$18.50
7/8" Hex x 2-3/4"	9"	18.50
7/8" Hex x 3-1/4"	9"	18.50
1-1/4" Hex x 6"	9"	16.95
1-1/4" Hex x 6"	9"	17.70

NARROW CHISEL FOR DIGGER

3/4" Sq. x 2-3/4"	14"	$5.80
	18"	6.05
7/8" Hex x 2-3/4"	14"	6.05
	18"	6.85
3/4" Hex Rd. x 2-3/4"	14"	5.80
	18"	6.05
7/8" Hex Rd. x 3-1/4"	14"	6.05
	18"	6.85
7/8" Hex x 3-1/4"	14"	6.05
	18"	6.85

MOIL POINT FOR DIGGER

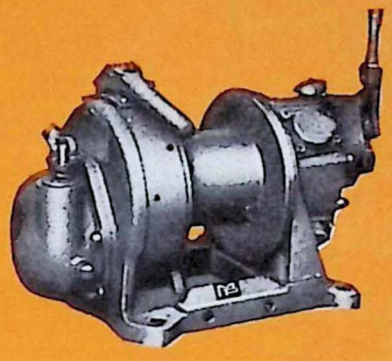
3/4" Sq. x 2-3/4"	14"	$5.80
	18"	6.05
7/8" Hex x 2-3/4"	14"	6.05
	18"	6.85
3/4" Hex Rd. x 2-3/4"	14"	5.80
	18"	6.05
7/8" Hex Rd. x 3-1/4"	14"	6.05
	18"	6.85
7/8" Hex x 3-1/4"	14"	6.05
	18"	6.85

Construction Equipment

MICHIGAN PNEUMATIC MODEL MPHU TUGGER

Cap. ..... 2000 Lbs.
Weight ..... 490 Lbs.
Lift. Speed .. 124 Ft/Min
Cable Capacity
.....580 Ft. of 3/8"
.....320 Ft. of 1/2"

These light and compact Michigan Pneumatic tuggers are designed for low air consumption and high efficiency. They can be mounted to the wall or ceiling, as well as the usual floor mounting. They are many times used with portable compressors, on which they are mounted and moved from one job to another without any problems.



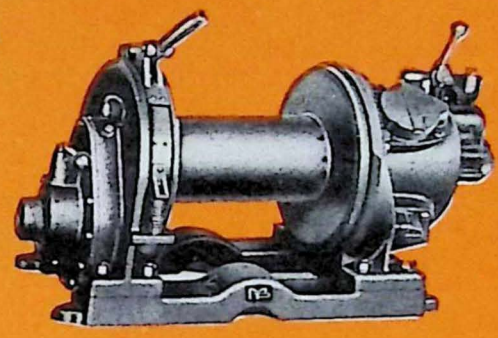
$1,750.00

OTHER MANUFACTURER'S LIST PRICE $2,275

MICHIGAN PNEUMATIC MODEL MPHUL TUGGER

Cap. ..... 2000 Lbs.
Weight ..... 562 Lbs.
Lift. Speed 124 Ft/Min.
Cable Capacity
.....1200 Ft. of 3/8"

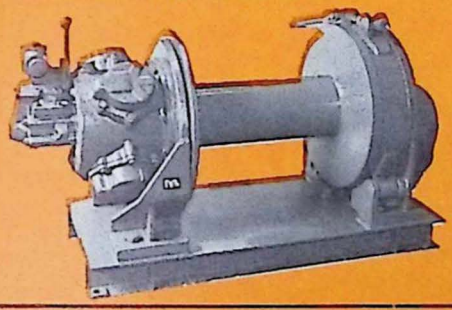
These light and compact Michigan Pneumatic tuggers are designed for low air consumption and high efficiency. They can be mounted to the wall or ceiling, as well as the usual floor mounting. They are many times used with portable compressors, on which they are mounted and moved from without difficulty.



$2,450.00

OTHER MANUFACTURER'S LIST PRICE $3,275

MP-36B or MP-36BL AIR HOIST



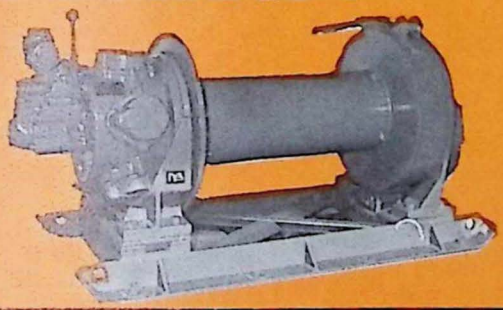
This hoist is safe and easy to operate and can be used for a wide range of purposes. Both rope pull and rope speed are designed to allow variation of the reduction ratios within a certain range.

MP-36B $3600
(Illustrated) MP-36BL $3775

CAPACITY	4200 lbs.
LIFT SPEED AT RATED LOAD	105 ft/min.
SIZE AND MAXIMUM LENGTH OF WIRE ROPE	1/2"x920 ft.
	5/8"x590 ft.
	*1/2"x1840 ft.
	*5/8"x1180 ft.
WEIGHT WITHOUT WIRE ROPE	1205 lbs.
	*1285 lbs.
AIR PRESS.	80 P.S.I

*BL TYPE

MP-45F or MP-45FL AIR HOIST



This hoist is easily operated due to ball bearings used for the bearing parts to minimize the friction loss and higher power output. All bearing parts are completely sealed to prevent oil leakage from the casings.

MP-45F $4225
(Illustrated) MP-45FL $5100

CAPACITY	5250
LIFT SPEED AT RATED LOAD	130 ft/min.
SIZE AND MAXIMUM LENGTH OF WIRE ROPE	5/8"x900 ft.
	3/4"x550 ft.
	*5/8"x1300 ft.
	*3/4"x1100 ft.
WEIGHT WITHOUT WIRE ROPE	1730 lbs.
	*1830 lbs.
AIR PRESS.	80 P.S.I.

*FL STYLE

MP-36C or MP-36CL AIR HOIST

This hoist provides excellent performance due to its fine design, advanced machining techniques and suitable materials used in their manufacture. The body is compact, sturdy, and lightweight.

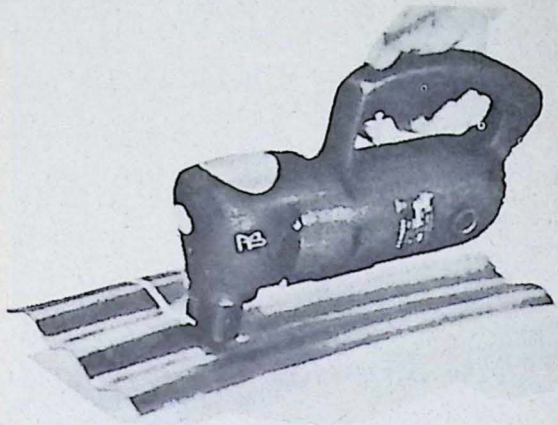
MP-36C $5575
(Illustrated) MP-36CL $6175

CAPACITY	7000 lbs.
ROPE SPEED AT RATED LOAD	60 ft/min.
SIZE AND MAXIMUM LENGTH OF WIRE ROPE	5/8"x620 ft.
	3/4"x460 ft.
	*5/8"x1240 ft.
	*3/4"x920 ft.
WEIGHT WITHOUT WIRE ROPE	1620 lbs.
	*1764 lbs.
AIR PRESS.	80 P.S.I.

*CL TYPE

Portable Nibblers

AIR-OPERATED MODELS



MICHIGAN PNEUMATIC

for LIGHT METAL cutting

model **ALN**

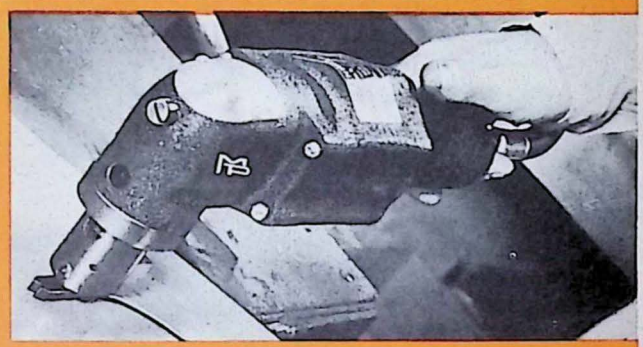
Cuts 14-gauge stainless and mild steel and 1/8'' non-ferrous metals at 60'' per minute. With a minimum cutting radius of 1'', the Model ALN cuts intricate shapes and odd shapes holes. It may be vise-mounted for cutting where it is necessary to turn the metal rather than the tool.

$245.00

MICHIGAN PNEUMATIC

for MEDIUM METAL cutting

model **AMN**



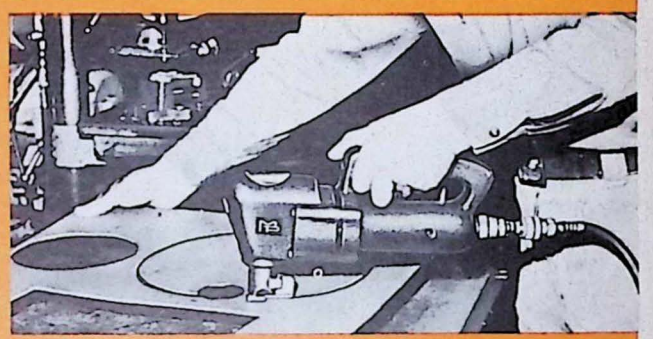
A minimum cutting radius of 1" assures real versatility with this powerful tool. It is a lightweight model that cuts 14-gauge stainless, 13-gauge mild steel and 1/8" aluminum at up to 65" per minute. Model AMN weighs just 6½ pounds . . . and makes a cut measuring 1/4" x 1/16".

$250.00

MICHIGAN PNEUMATIC

for HEAVY DUTY cutting

model **AN**



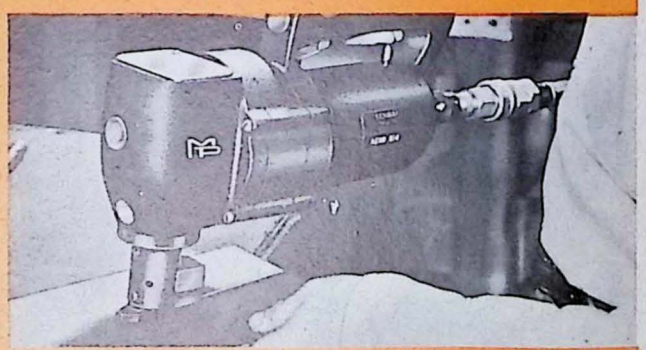
Cut 10-gauge stainless, 8-gauge mild steel and 3/16" non-ferrous metals at **55" per minute** . . . and save man hours. Model AN weighs just 12 pounds and has a minimum cutting radius of 6" . . . a special die holding is available for a shorter 3" radius.

$395.00

MICHIGAN PNEUMATIC

for EXTRA HEAVY DUTY cutting

model **AEHN**



easily cuts 1/4" mild steel, 5/16" aluminum and 8-gauge stainless steel at 40 to 45" per minute. This model weighs 18½ pounds and makes a cut that measures 3/16". It has a minimum cutting radius of 8".

$620.00

MICHIGAN PNEUMATIC

Michigan Pneumatic, a leading manufacturer of portable nibblers, produces precisely engineered nibblers which cut almost any metal 75% faster . . . and save many costly hours of labor. Michigan Pneumatic nibblers leave a clean cut without distortion, chipping, binding, curling or flaking the metal . . . only a minimum amount of deburring or grinding required.

Weighing from 6 to 20 pounds, these versatile power tools cut any size–any shape metal quickly and easily–with complete operator safety. They require little maintenance. . .with just a periodic sharpening of the punch and die to maintain these nibblers at 100% efficiency. Heavy duty, precision built motors, hardened precision cut gears, anti-friction bearings on all rotating parts assure high quality performance and longer life.

Portable Nibblers

110 VOLT ELECTRICALLY POWERED MODELS

MICHIGAN PNEUMATIC

for LIGHT METAL cutting

model LN

Cuts 14-guage stainless and mild steel and 1/8'' non-ferrous metals at 60'' per minute with a minimum cutting radius of 1''. The Model LN cuts intricate shapes and odd shaped holes. It may be vise-mounted for cutting where it is necessary to turn the metal rather than the tool.

Also available in 220 Volt at an additional $10.00

$155.00

MICHIGAN PNEUMATIC

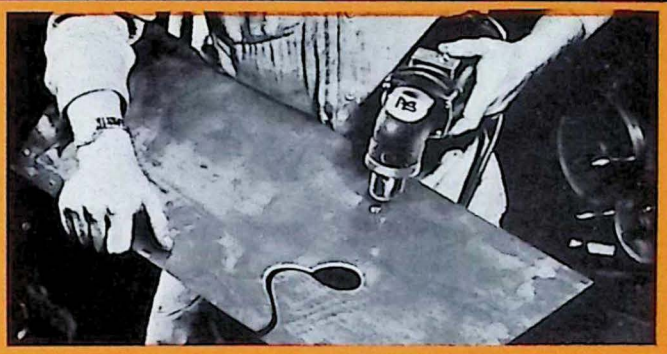
for LIGHT and MEDIUM DUTY cutting

model MN

cuts 14-gauge stainless and mild steel and 1/8" non-ferrous metals at 60" per minute. With a minimum cutting radius of 1", the Model MN cuts intricate shapes and odd shaped holes. It may be vise-mounted for cutting where it is necessary to turn the metal rather than the tool.

Also available in 220 Volt at an addtional $10.00

$165.00



MICHIGAN PNEUMATIC

for SPECIAL CUTTING OPERATIONS

model MNC

Cuts cleanly and quickly 14-gauge mild steel at 50" per minute. With a minimum cutting radius of 1'', the model MNC cuts corrugated sheeting, small diameter duets or for med sheet metal pipe. It can cut diagonally across contours without changing the shape of the piece and can cut special parts by setting the nose piece at right angles, allowing the nibbler to ride over curves. c

Also available in 220 Volt at an additional $10.00

$195.00

MICHIGAN PNEUMATIC

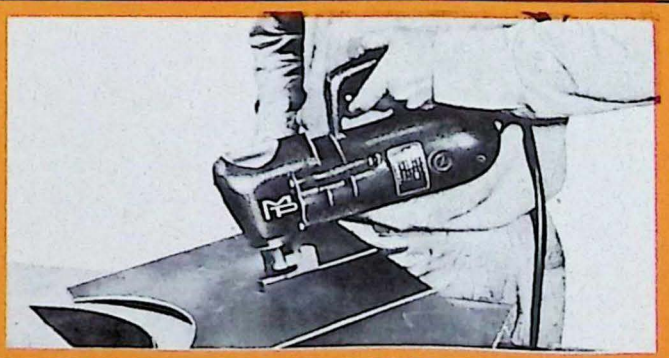
for HEAVY DUTY cutting

model HN

Will cut, at 55'' per minute, 10-gauge stainless steel, 8-guage mild steel and 3/16'' non-ferrous metals . . .on a per job or production line basis. This model, like the rest of Michigan Pneumatic's line, assures complete operator safety—cut chipsof metal are pushed downward away from the operator, rather than ejected above the surface being cut.

Also available in 220 Volt at an additional $10.00

$319.00



MICHIGAN PNEUMATIC

for EXTRA HEAVY DUTY cutting

model EHN

cuts, cleanly and quickly, 1/4" mild steel, 5/16" aluminum and 8-gauge stainless. This 2½ horsepower tool weighs just 20 pounds and makes a cut which measures 3/16". It is specifically designed and built for heavy duty cutting and maintains a cutting speed of 45" per minute . . . minimum cutting radius is 8".

Also available in 220 Volt at an additional $25.00

$595.00

Electric Chain Hoist

MICHIGAN PNEUMATIC

ELECTRIC THREE PHASE PUSH BUTTON TYPE

The "Low Headroom" MP Electric Chain Hoist is a new departure in materials handling machinery. The frame construction is entirely of steel plate, giving extra strength combined with less bulk and greater durability. Dependable, safe, low in cost and upkeep, and above all, fast efficient. No matter what you and upkeep, and above all, fast and efficient. No matter what your application: suspension, monorail, jib crane, or overhead traveling crane, MP Electric Chain Hoists can do a better job for you.

FEATURES:

- Low headroom flexibility and built-in safety.
- Dust-proof frames are made entirely of steel plate.
- Compact in size, light in weight.
- High in efficiency, low maintenance cost.
- Safe to operate.
- Easy operation to insure efficiency.
- Chain buckets are standard on 3 and 5 ton, and available at extra cost on other models.

SPECIFICATIONS: Three Phase—220 V—60 Cycle—Push Button

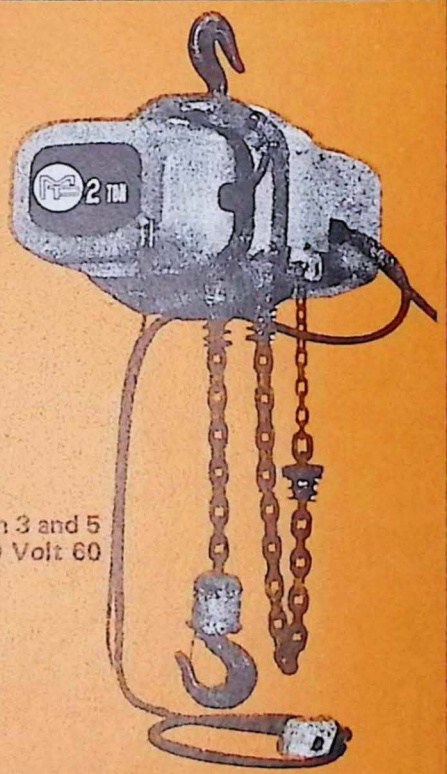
Model	Lifting Capacity	Lifting Speed Ft. per/min	Hoisting Motor HP	Standard Lift in ft.	No. of Chain falls	Min. Head room in inches	Width in inches	Net Weight	Our PRICE
1 BHPS	2200	16.7	1.34	10'	1	20¼	17½	104	$280.25
2 BHPS	4400	8.4	1.34	10'	2	26	17½	135	351.50
3 BHPS	6600	5.6	1.34	10'	3	32	17½	183	479.75
5 BHPS	11,000	3.3	1.34	10'	5	35	17½	278	631.75

Note: All Chain is 5/16 inches in diameter. 440 Volts is available upon request.

ADDITIONAL CHAIN PER FOOT $3.20

MICHIGAN PNEUMATIC

"HIGH SPEED" ELECTRIC HOIST



The New Michigan Pneumatic "High Speed" Electric Hoist displays the same qualities of rugged, dependable, long life that has made the regular MP Electric Hoist so popular, with the important addition of as much as 300% higher speed. In fact, we know of none faster on the market at this time. Strong all-steel plate construction insures a hoist both lightweight and compact in size. The load chain is manufactured of special alloy steel which provides 30 times more durability than conventional chain. The MP "High Speed" is designed with safety in mind. Its magnetic brake takes care of electric failures. The handy plastic push button switch also contributes to the ease of operating the finest high speed hoist on the market today.

Extra lift available at additional cost for each size (from Detroit—Chain containers are standard on 3 and 5 ton models and available on other models at extra cost. Three phase 220 Volt 60 Cycle — 440 Volt 60 Cycle available special order only.

Model	Phase	Capacity (ton)	Lift ft.	Hoisting Speed in ft.	Additional Chain per Foot	Weight (lbs.)	Our PRICE
1BHPF	3	1	13.1	29.7	$4.20	128	$375.25
2BHPF	3	2	13.1	27.1	5.50	178	498.75
3BHPF	3	3	13.1	16.2	5.50	226	612.75
5BHPF	3	5	13.1	10.9	5.50	286	783.75

Electric & Hand Hoists

MICHIGAN PNEUMATIC

SINGLE-PHASE PULL CORD TYPE ELECTRIC HOIST COSTS LESS, OPERATES EFFICIENTLY

IDEAL WHERE SPACE IS A PROBLEM. . .Low headroom model fits where others won't! Compact in size and light in weight. . .without any sacrifice in lifting capacity or safe operation.

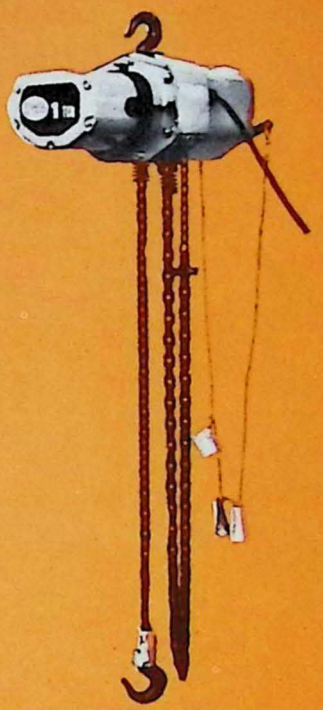
SINGLE PHASE ELECTRIC OPERATION. . .Any place you have a standard 115 volt, 60 cycle outlet plug and a place to hang the MP, you're set to go!

FRAME CONSTRUCTED ENTIRELY OF STEEL PLATE. . .Provides extra strength and durability while keeping weight down for easy portability. Dustproof frames assure maximum operating efficiency.

PULL CORD TYPE CHAIN HOIST. . .Designed for high efficiency, easy lifting action. Standard lift is 10'. . .additional lift available, see chart. All chains are husky 5/16" diameter. Chain buckets are standard equipment on 3 and 5 ton models.

BUILT-IN SAFETY FACTOR. . .MP does a better job for you in those difficult situations . . .and does it with dependable safety for operator and equipment.

LOW IN COST AND MAINTENANCE. . .Quality engineered and built for easy upkeep to make it a fine performer under the most demanding conditions.



ADDITIONAL CHAIN PER FOOT $3.20

SINGLE PHASE — 115/230 V — 60 CYCLE — PULL CORD

Model No.	Load Capacity	Lifting Speed— ft. per	Hoisting Motor HP	No. of Chain Falls	Nin. Head-room	Width	Shpg. Wt. Lbs.	Our Price
½ BSHS½	1100 lbs.	8.4	.34		20¼"	18-7/8"	115	$295.00
1 BHS1	2200 lbs.	8.4	.67	1	20¼"	18-7/8"	120	315.00
2 BHS2	4400 lbs.	4.2	.67	2	26½"	18-7/8"	150	375.00
3 BHS3	6600 lbs.	3.0	.67	3	33¾"	20"	195	525.00
5 BHS5	11,000 lbs.	1.8	.67	5	36¾"	20"	285	645.00

*Extra lift available $9.50 base installation charge plus price per foot.

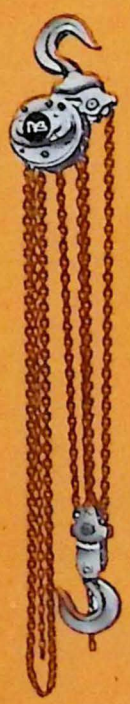
MICHIGAN PNEUMATIC

CHAIN HOISTS

+ EFFICIENT + DEPENDABLE + ECONOMICAL + COMPACT + POWERFUL + LIGHTWEIGHT + DURABLE + EASY OPERATING +

AT LAST! In answer to the demands of industry, here is a lightweight compact, powerful chain hoist that is also economical. Chain Hoist are made with capacities from the ¼ ton to the 10 ton Hoist. Michigan Pneumatic brand chain hoists are your best buy for power, efficiency dependability, compactness, easy operation, light weight. They enable the worker to do more in less time than any other type chain block. High efficiency plus the availability of numerous capacities and modifications make these hoists the most widely used in the industry. They're quality-engineered for safety and serviceability. Over-loading test of 150% capacity is conducted for each unit. Additional lift available at $5.00 installation charge plus price per foot shown.—specify. FOB Detroit.

1/4 to 2 TON



3 to 4TON

8 to 10 TON

Cap. ton	Std. Lift Ft.	Chain Pull to Lift (lbs.)	Test Load (ton)	Net Wt.	Extra Lift Per Foot	Our Price
¼	10	40	0.375	18	$3.00	$48.00
½	10	44	0.75	30	3.90	50.00
1	10	51	1.5	41	4.80	65.00
1½	10	66	2.25	59	5.90	85.00
2	10	70	3.0	80	7.40	90.00
3	10	70	4.5	92	11.00	125.00
5	10	77	7.5	165	19.00	185.00
8	11	88	10.0	265	On Application	290.00
10	11	99	12.5	341		335.00

Pullers & Cutting Tools

MP-SS1
CUTTING TOOLS

This highly portable cutting tool is designed specifically for the toughest NON–FERROUS cables. It will cut all such cables up to 1 inch in diameter with a one cut operation. You can take it to the field by using bottled Nitrogen, CO_2, or compressed air.

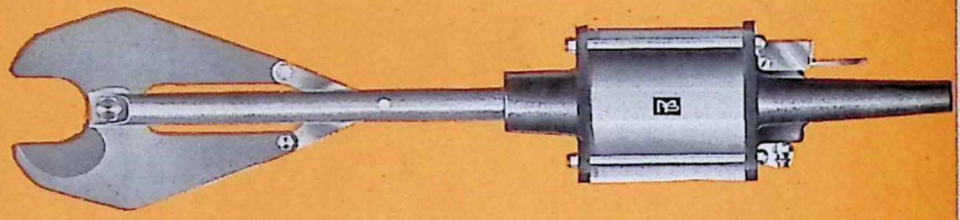
CUTTING CAPACITY	1" Dia.
WEIGHT	5 lbs.
LENGTH	20 inches
AIR PRESS.	50-175 P.S.I.

$179.00

MP-SS2
CUTTING TOOLS

The toughest cutting job is no problem for this tool. With one action, any NON FERROUS cable in 2-inch diameters will be cut cleanly, without crimping, as long as recommended maintenance is followed. Portability is accomplished through attachment of bottled Nitrogen, CO_2, or compressed air.

CUTTING CAPACITY	2" Dia.
WEIGHT	14.5 lbs.
LENGTH	37-5/8 inches
AIR PRESS.	50-175 P.S.I.

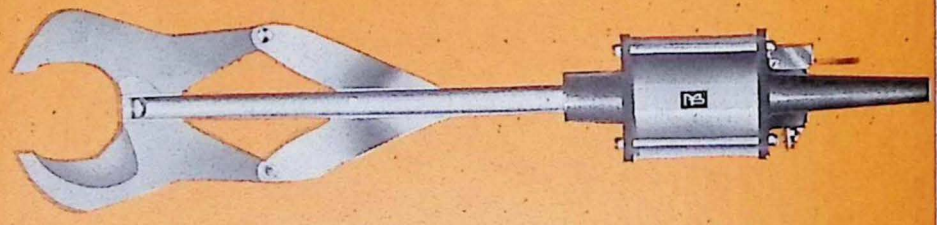


$249.00

MP-SS3
CUTTING TOOLS

Big cutting jobs become problem free by using this tool. With one squeeze of the trigger, any aluminum, copper, or lead cable in 3" diameters can be cut easily in the shop or in the field.

CUTTING CAPACITY	3" Dia.
WEIGHT	19 lbs.
LENGTH	43-1/4 inches
AIR PRESS.	50-175 P.S.I.



$279.00

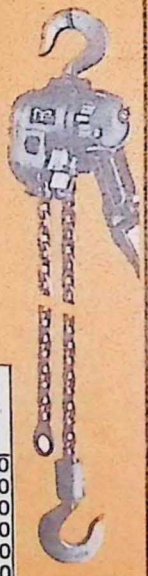
MICHIGAN PNEUMATIC
PULLERS

MP all position link chain hoists, built for safety and efficiency, are light-weight, easy to operate and dependable. Constructed of special steel, MP link chain hoists have a capability for multitude of lifting jobs. Excellent features include needle bearings for long life, a quick reverse style for ease of operation and a specially designed break for safety.

EACH PULLER TESTED TO 150% OF RATED CAPACITY
LINK TYPE CHAIN

Rated Capacity (Tons)	Min. Between Hooks (Inches)	Standard Lift (Inches)	LeverPull to lift Full Load (Pounds)	Length of Lever (Inches)	Net Weight (Lbs.)	PRICE
½	12	120	62	13	13.8	$52.50
¾	13	60	68	18	20	61.50
1½	17	60	60	20	34	84.50
3	23	60	62	20	42	115.00
4½	23.75	60	66	20	63	190.00
6	27.25	60	71	20	84	241.00

ALUMINUM AVAILABLE AT AN ADDITIONAL 15%.



MICHIGAN PNEUMATIC
PULLERS

MP's lightweight, easy to operate, dependable roller-type chain hoist are built for safety and high efficiency. They have a capability for a multitude of lifting jobs. Constructed of special type steel—features needle bearings for long life, a quick reverse system for ease of operation and a specially designed brake for safety. Standard lift on all sizes is 60".

ROLLER TYPE CHAIN

Rated Capacity (Tons)	Min. Between Hooks (Inches)	Standard Lift (Inches)	Lever Pull to lift Full Load (Pounds)	Length of Lever (Inches)	Net Weight (Lbs.)	PRICE
¾	13	60	68	18	20	$66.50
1½	17	60	62	20	35	91.50
3	23	60	66	20	47	125.00
4½	23.75	60	73	20	64	202.00

ADDITIONAL LIFT

Capacity	Standard Chain Supplied	Chain Required Per 1 Foot Lift
¾ ton	5.5 feet	1 foot
1½ ton	5.5 feet	1 foot
3 ton	11.0 feet	2 feet
4½ ton	16.5 feet	3 feet

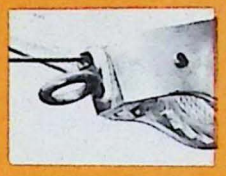
MICHIGAN PNEUMATIC CABLE HOIST

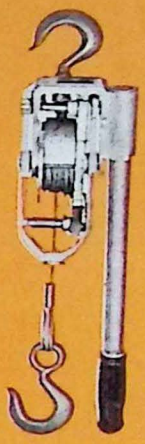
½ TO 2 TON CAPACITY
FIVE SIZES — TEN MODELS
Lifts • Pulls • Lowers
Stretches • Holds
Drags • Tightens

OPERATES IN ANY POSITION

MODEL 202 WN

CABLE GUIDE
(on N models) prevents cable wear to main frame. Aids cable winding on drum.





MODEL 505N

- High strength, highly non-corrosive aluminum alloy castings keep weight to a minimum, yet permits use for the most rugged jobs.
- Safty handle is designed to bend before any mechanical part of hoist is subjected to overstrain.
- Reversible handle permits use in most convenient operating position.
- Lever that controls raising and lowering mechanism is easy to reach, easy to operate.
- Performed aircraft cable
- Stainless steel shafts and springs
- Drop forged steel hoist hooks
- Winding wheel for winding slack on WN Models
- Hoists weigh only 6¼ to 13 pounds—easy to handle

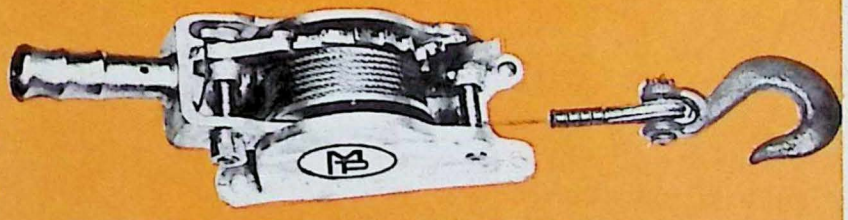
SPECIFICATIONS

Model No.	Rated Capacity in lbs. Double Line	Rated Capacity in lbs. Single Line	Lifting Ratio (Approximate)	Handle Pull Double Pull lbs.	Wire Rope Single Line Feet	Wire Rope Double Line Feet	Wire Rope Diameter Inches	Minimum Distance Between Hooks Inches		Net Weight lbs.	PRICE
								Single Line	Double Line		
115 S	Single Line Only	1000	15-1	30	15	....	5/32	17	....	6¼	$29.90
115 D	2000	1000	30-1	30	15	7½	5/32	17	22	7¼	34.90
505 N	Single Line Only	1500	15-1	35	20	Single Line Only	3/16	17	....	7¼	37.90
202 N	3000	1500	30-1	95	13	6½	3/16	18	25	9	45.90
202 WN*	3000	1500	30-1	95	20	10	3/16	18	25	10½	48.90
434 WN*	3000	1500	30-1	95	30	17	3/16	20	27	13	57.90
404 WN*	4000	2000	40-1	100	20	10	7/32	20	27	12½	59.90

* With winding wheel and bronze cable guide.

MICHIGAN PNEUMATIC BASE WINCH

MICHIGAN PNEUMATIC
BASE WINCH
1/2 Ton Capacity



A SAFE, RATCHET LEVER OPERATED WINCH WITH DOUBLE INTERLOCKING PAWL SYSTEM. MOUNT IN ANY POSITION DESIRED.

POSITIVE LOAD CONTROL FOR LOADING FROM PLATFORMS, BOAD DOCKS, TRUCKS ETC. HIGH STRENGTH, HIGHLY NON-CORROSIVE ALUMINUM ALLOY CASTINGS. STAINLESS STEEL SHAFTS AND SPRINGS. OILITE BRONZE BUSHINGS. PREFORMED CALVANIZED AIRCRAFT CABLE' REMOVABLE CLEWS SLIP HOOK.

SPECIFICATIONS

MODEL	CAPACITY	DRUM CAPACITY	PRICE
B-40	1/2 Ton	40' of 5/32" DIAMETER CABLE	$27.50
B-20	3/4 Ton	20' of 3/16" DIAMETER CABLE	$27.85

LIFTING RATIO: APPROX. 15 to 1

Miscellaneous Tools

MICHIGAN PNEUMATIC MODEL 10000 AIR CHAIN HOIST

Capacity	1000 lbs.
Maximum Lift	8 ft.
Lift Per Min. w/Full Load	30 ft.
Weight	34 lbs.

AVAILABLE WITH LINK OR ROLLER CHAIN—PLEASE SPECIFY WHEN ORDERING

Michigan Pneumatic Air Hoists are designed to meet modern requirements. Incorporated with the most up-to-date refinements, they are extremely compact.
Totally enclosed vane type motor is adopted for this particular hoist, and it cannot harm if stalled indefinitely and is unaffected in ordinary operation by dirt, fumes, or heat. Incorporated with the throttle which gives precision speed control from creeping speed to the rated maximum, this is simply and easily effected by the pull-lever.

OTHER MANUFACTURER'S LIST PRICE $580.00

$380.00

MICHIGAN PNEUMATIC MODEL 20000 AIR CHAIN HOIST

Capacity	2000 lbs.
Maximum Lift	8 ft.
Lift Per Min. w/Full Load	15 ft.
Weight	47 lbs.

AVAILABLE WITH LINK OR ROLLER CHAIN—PLEASE SPECIFY WHEN ORDERING

The controls of the Michigan Pneumatic Hoist permit the operator of the machine to move a load to any desired speed.
Each type of hoist in the Michigan Pneumatic line is available in either the link chain or roller chain type according to the preference of the customer. The motor, if stalled, will not burn out. In average operations, dirt, or heat will not affect it. Sudden starts and stops will not cause hazards. The hooks on top and bottom have safety snaps.

OTHER MANUFACTURER'S LIST PRICE $760.00

$560.00

MICHIGAN PNEUMATIC MODEL MP 18 AIR SUMP PUMP

	YP-18	YP-35
Total Head in Feet	49'	75'
Delivery Ton Hour	22	35
Capacity Gal. Hour	5810(96)	9250(154)
Net Weight lbs.	42	70½
Air Hose Size	¾"	1"
Water	2½"	2½"
Air Cons. Per Min.	60³	103³
	$350	$750

YP-35 available on special order only. 60—90 days delivery.

MICHIGAN PNEUMATIC MODEL BC 117 PILE DRIVER

The portable BC 117 Sheet Pile Driver is presently gaining fame for making light work of ditch shoring where soil is comparatively clayish. Since piling sizes vary according to region or country, cap dimensions should be specified along with order.

Capacity Pile Size:	
Thickness	3/16"
Breadth	9"
Stroke	6"
Blows (p.m.)	1200
Overall Length (A)	27-13/16"
Net Weight	140 lbs.
Air Inlet Thread P.S.	1
Hose Size	3/4"
Piston Diameter (mm.)	63.5

$550.00

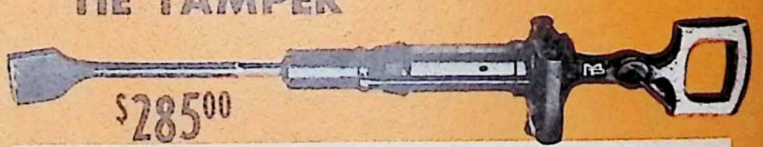
MICHIGAN PNEUMATIC MODEL MP B0 CONCRETE VIBRATOR

Cylinder Diam.	56 mm.
Vibration No.	10,000 p/m
Weight	12 lbs.
Length	13-1/16 in.
Air-Inlet	3/8"

This tool includes 7.9" (2m) tubes and built-in Grip Ring Throttle.

OTHER MANUFACTURER'S LIST PRICE $440.00

MICHIGAN PNEUMATIC MODEL MP B2 TIE TAMPER



The Pneumatic Tie Tamper Comes with "D" Handle and built in standard Tamping Bars.

Piston Diam.	45 mm.	Length	39-13/16"
Stroke	1-3/16"	Weight	42 lbs.
Blows	2800 pm.	Air Inlet	¾"

OTHER MANUFACTURER'S LIST PRICE $395.00

MICHIGAN PNEUMATIC

RECOIL NYLON SELF STORING HOSE

EXTENDS AND RETRACTS LIKE A TELEPHONE CORD – OIL PROOF – ABRASION RESISTANT – LIGHTWEIGHT – REUSABLE FITTINGS – 200 PSI WORKING PRESSURE.

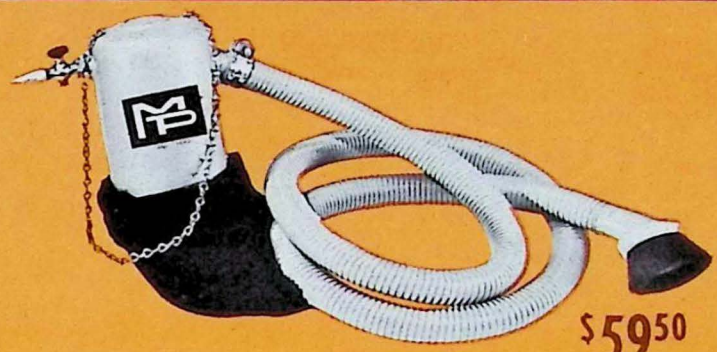
¼" Re-Coil Hose ¼" Reusable Fittings				3/8" Re-Coil Hose 3/8" Reusable Fittings			
Length	Working Length	Storage Length	Price	Length	Working Length	Storage Length	Price
12'	11'	4"	$ 5.60	12'	11'	6"	$ 9.90
25'	23'	8"	8.45	25'	23'	10"	14.40
50'	46'	16"	14.10	50'	46'	18"	23.35
100'	94'	32"	25.50	100'	94'	36"	41.25

MICHIGAN PNEUMATIC **MODEL 100**

AIR TANK

When connected to any air line, Wonder Air Tank creates a powerful suction . . . picks up dust, dirt, metal chips, saw dust, abrasive wheel grindings . . . is safe to use around any type of machinery – cannot short or spark. Brush can be easily removed for wet metal chip pick-up. Its 7' flexible hose makes it easy to use even in hard to reach places. Ideal, also, for picking up liquids for transferring to another container or for disposal, in a matter of seconds. Completely portable, the 5" x 8" aluminum tank weighs just 8 lbs.

DESIGNED TO OPERATE OFF ANY AIR LINE WITH 90 PSI OR HIGHER – NO ELECTRICAL OUTLET NEEDED – NO MOVING PARTS – A COMPLETE AIR VACUUM – POWERED BY YOUR AIR COMPRESSOR – ALL DUST, DIRT, ETC., IS DISCHARGED IN THIS EASY TO EMPTY BAG.



$59.50

Can Be Used In: Service Stations – Schools – Industrial Plants – Laboratories – Airports – Tire Shops – Garages.

MICHIGAN PNEUMATIC

ARBOR PRESSES

Michigan Pneumatic Arbor Presses are designed to give the utmost in reliable service. The frames are of semi-steel construction. MP rams and pinions are precision cuts from special steel and thoroughly performance tested.

ALL DIMENSIONS IN INCHES

Press No.	Dia of work	Capacity Over Table	Capacity Over Table	Size & Lenght of Ram	Leverage Ratio	Tons Pressure Approx.	Maximum Arbor Capacity	Press Height	Base Size	Shipping Weight Lbs.	PRICE
0	4½	4½	4	¾x¾x7½	20:1	½	1-1/8	10	4x9½	19 lbs.	$34.50
1	8	5½	4-5/8	1x1x9½	25:1	1	1-3/8	12	5x11	33 lbs.	49.50
2	13	8½	7-3/4	1¼x1¼x14	35:1	2	1-3/4	17	6¾x16	84 lbs.	85.00
33	15	12½	11-1/2	1½x1½x18	50:1	3	2-1/2	21½	8x18	155 lbs.	125.00

BRAND NEW INDUSTRIAL AIR HOSE

SIZE (ID)	NUMBER	BRAID	PRESSURE (Lbs.)	PRICE/FT.
1/4	IAH-250	2	300	.30
3/8	IAH-375	2	250	.35
1/2	IAH-500	2	225	.45
3/4	IAH-750	2	225	.70
1"	IAH-1000	2	225	.90

SIZE (ID)	LENGTH	PRICE
1/4"	25'	$4.00
	50'	7.00

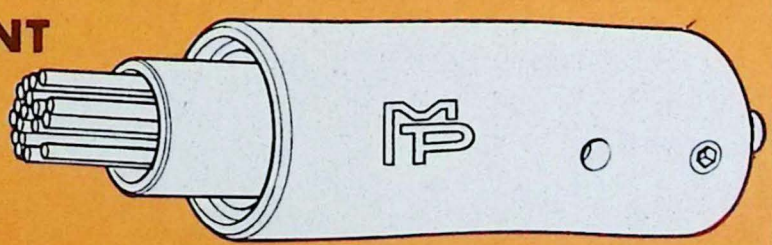
SIZE (ID)	LENGTH	PRICE
3/8"	25'	$8.00
	50'	16.00

MICHIGAN PNEUMATIC **MODEL 3500**

NEEDLE SCALER ATTACHMENT

This attachment will convert any .401 or .498 Parker Taper Air Hammer to a needle scaler.

A completely new heavy-duty needle scaler attachment designed to fit all popular light hammers now using beehive or mechaid type spring retainers.



SPECIFY MAKE, SIZE AND MODEL NUMBER OF HAMMER

$65.00

Hydraulic Jacks

Light-weight utility jack that has the listing ability of 5 tons. Only top quality materials are used. Non-slip saddle. You will look far and wide for a better hydraulic jack than the MP5.

MODEL NO.	MP5
NORMAL CAPACITY	5 Ton
STATIC CAPACITY	8 Ton
RAM LIST	5-1/8"
SCREWED EXTENSION	2"
MAXIMUM HEIGHT	17-3/8"
MINIMUM HEIGHT	9-1/2"
RAM DIAMETER	1-7/16"
WEIGHT	15 Lbs.

MP 5 TON

$19.50

OTHER MANUFACTURER'S LIST PRICE $20.00

This all purpose jack is the finest listing tool in the industry. This body housing is rugged and well-finished inside and outside to provide long life and easy operation. Try it once and you'll never use any other brand.

MODEL NO.	MP8
NORMAL CAPACITY	8 Ton
STATIC CAPACITY	11 Ton
SCREWED EXTENSION	2"
MAXIMUM HEIGHT	17-3/8"
MINIMUM HEIGHT	4-1/2"
RAM DIAMETER	1-11/16"
WEIGHT	21 Lbs.

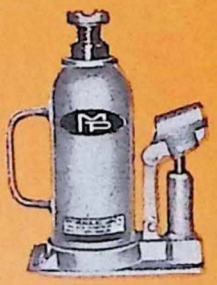
MP 8 TON

$22.50

OTHER MANUFACTURER'S LIST PRICE $26.50

Of our heavy duty jacks this little gem is one of our better light heavy duty models. The base is wide and rugged to provide the greatest degree of stability. The value packing is oil resistant for trouble operation.

MODEL NO.	MP12
NORMAL CAPACITY	12 Ton
STATIC CAPACITY	16 Ton
RAM LIST	5-7/8"
SCREWED EXTENSION	2-3/4"
MAXIMUM HEIGHT	18-1/8"
MINIMUM HEIGHT	9-1/2"
RAM DIAMETER	1-3/4"
WEIGHT	23 Lbs.



MP 12 TON

$26.50

OTHER MANUFACTURER'S LIST PRICE $30.00

This jack is the medium heavy duty model. The quick, deep screw makes it easy and fast to bring the jack up to the job. Both the main and pump cylinders have a highly finished surface that contribute to ease of operation.

MODEL NO.	MP16
NORMAL CAPACITY	16 Ton
STATIC CAPACITY	20 Ton
RAM LIST	5-7/8"
SCREWED EXTENSION	3"
MAXIMUM HEIGHT	17-7/8"
MINIMUM HEIGHT	10"
RAM DIAMETER	2-3/8"
WEIGHT	35 Lbs.

MP 16 TON

$45.50

OTHER MANUFACTURER'S LIST PRICE $50.00

The Grand Daddy of the jacks is the MP 20. It will do all of the heavy listing that has to be done. There is no better heavy duty jack made, that can compare with this one.

MODEL NO.	MP20
NORMAL CAPACITY	20Ton
STATIC CAPACITY	25 Ton
RAM LIST	5"
SCREWED EXTENSION	
MAXIMUM HEIGHT	14-1/2"
MINIMUM HEIGHT	9-1/2"
RAM DIAMETER	2-5/8"
WEIGHT	40 Lbs.

MP 20 TON

$49.50

OTHER MANUFACTURER'S LIST PRICE $60.00

Rams and Hydraulic Pumps

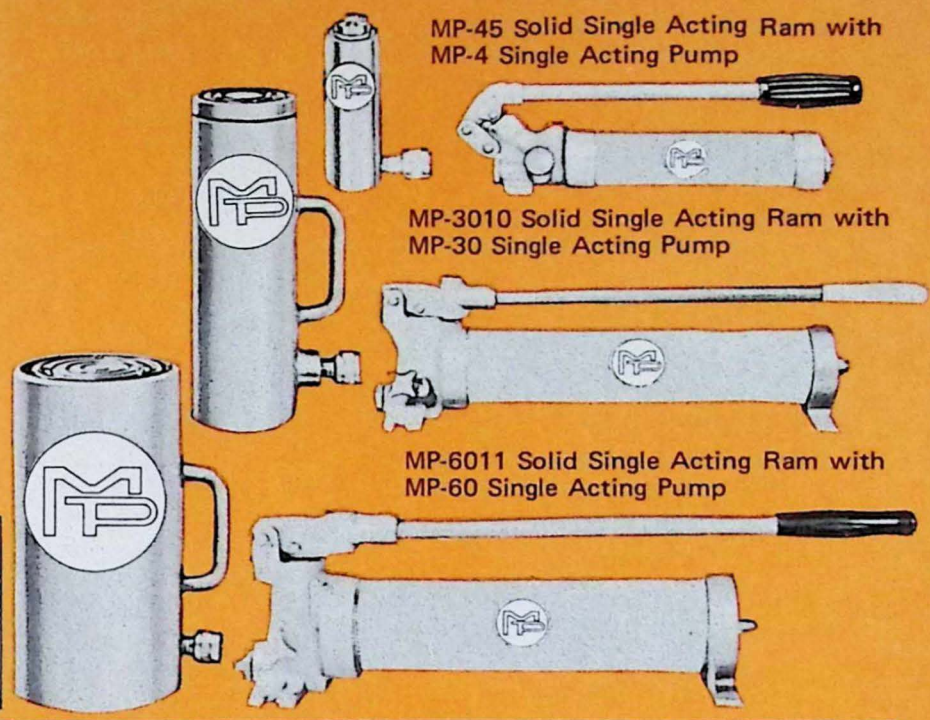
MICHIGAN PNEUMATIC

SOLID SINGLE ACTING RAMS

Model Number	Cap.	Clsd. Hgt.	Stroke	Wt.	Net Price
MP-45	4	5	2-3/16	3	$ 17.30
MP-410	4	10	5	6	25.70
MP-105	10	5	2-1/2	6	39.90
MP-1012	10	12	6	11	44.85
MP-1016	10	16	10	16	62.45
MP-2011	20	11	5	25	82.40
MP-2019	20	19	13	42	140.70
MP-305	30	5	2-1/2	15	55.50
MP-3010	30	10	6	34	89.25
MP-6011	60	11	6	58	163.00

SINGLE ACTING PUMPS

Model Number	PSI	Oil Cap.	Hose Conn.	Wt.	Net Price
MP-4	7000	14	1/4	6	$29.05
MP-10	10000	37	3/8	14	40.35
MP-30	10000	83	3/8	29	81.05
MP-60	10000	110	3/8	31	100.70



MP-45 Solid Single Acting Ram with MP-4 Single Acting Pump

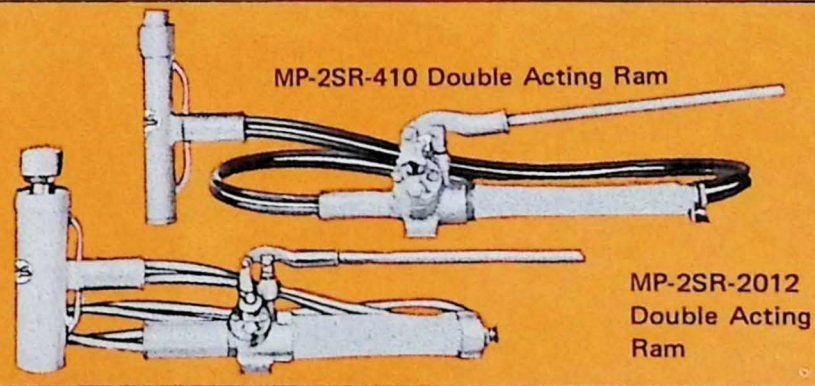
MP-3010 Solid Single Acting Ram with MP-30 Single Acting Pump

MP-6011 Solid Single Acting Ram with MP-60 Single Acting Pump

MICHIGAN PNEUMATIC

DOUBLE ACTING RAMS

Model Number	Cap.	Clsd. Hgt.	Stroke	Wt.	Net Price
MP-2SR-410	4	10	5	7	$33.20
MP-2SR-1012	10	12	6	14	47.50
MP-2SR-2012	20	12	5	23	77.80



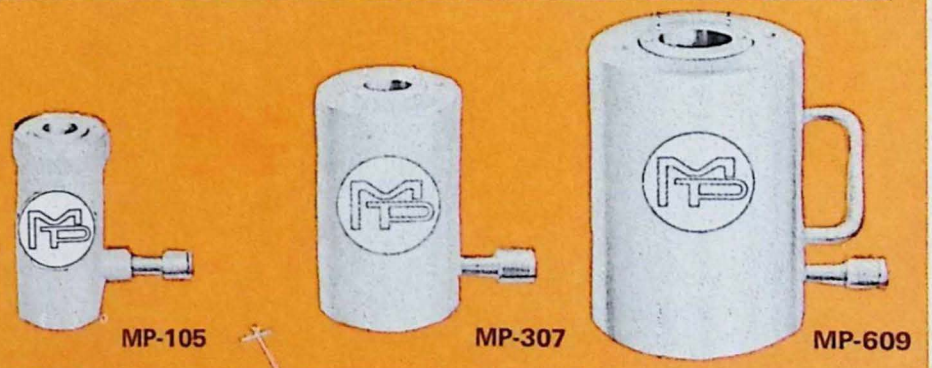
MP-2SR-410 Double Acting Ram

MP-2SR-2012 Double Acting Ram

MICHIGAN PNEUMATIC

HOLLOW RAMS

Model Number	Cap. Tons	Clsd. Hgt.	Stroke	Wt.	Net Price
MP-105	10	5¼	2	7	$52.00
MP-206	20	6¼	2	15	97.20
MP-307	30	7	2½	21	132.00
MP-609	60	9-1/8	3½	55	238.00



MP-105

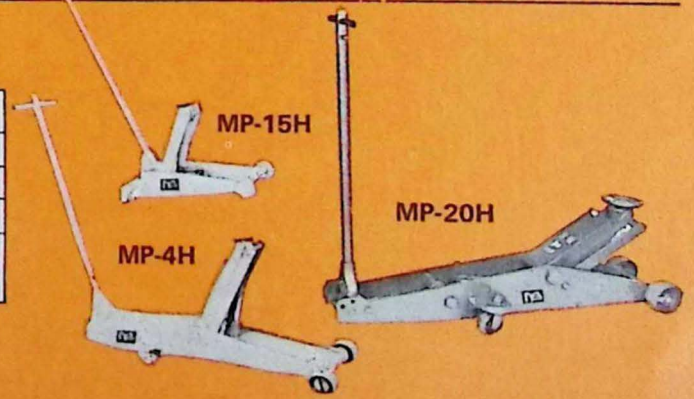
MP-307

MP-609

MICHIGAN PNEUMATIC

MOBILE JACKS

Model	MP-15H	MP-2HSC	MP-2HLC	MP-4H	MP-10H	MP-20H
Capacity	1½ ton	2 ton	2 ton	4 ton	10 ton	20 ton
Weight	100 lbs.	118 lbs.	149 lbs.	197 lbs.	370 lbs.	531 lbs.
Lift	16"	20"	21"	20"	20"	19"
Net Prices	$140.80	$207.50	$230.00	$290.00	$515.00	$875.00



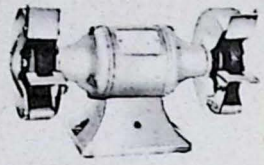
MP-15H

MP-20H

MP-4H

MICHIGAN PNEUMATIC
ELECTRIC GRINDERS AND GRINDER BUFFERS

PLEASE ORDER BY CATALOG NO.



612 supplied as pictured.
610 supplied less guard covers.

GRINDER — BIG SIX

Two Grinding Wheels
6" x ¾" x ½" - 36 Grit 6" x ¾" x ½" - 60 Grit
1 Phase, 60 Cycles, 115 Volts

CAT. NO.	PRICE	H.P.	R.P.M.	FRAME	WEIGHT NET	WEIGHT SHP'G.
610	$56.50	1/3	3450	320S	33	35
612	61.50	1/3	3450	320S	36	38

Supplied with three conductor cord and three prong plug.

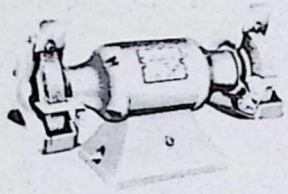
623E supplied as pictured.
632E and 626E supplied less eye-shields.
620 supplied less eyeshields and less guard covers.

GRINDER — 6" DELUXE

Two Grinding Wheels
6" x ¾" x ½" - 36 Grit 6" x ¾" x ½" - 60 Grit
1 Phase, 60 Cycles, 115 Volts

CAT. NO.	PRICE	H.P.	R.P.M.	FRAME	WEIGHT NET	WEIGHT SHP'G.
*632E	$75.00	1/4	1725	320C	36	40
620	69.00	1/3	3450	320C	33	36
*626E	75.00	1/3	3450	320C	36	40
*623E	81.50	1/3	3450	320C	38	42

Supplied with three conductor cord and three prong plug.
*Guards are exhaust type construction.

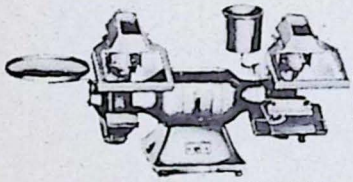


GRINDERS 7"

Two Grinding Wheels
7" x 1" x 5/8" - 36 Grit — 7" x 1" x 5/8" - 60 Grit
Weight: Net 62 lbs., Shipping 67 lbs.

CAT. NO.	PRICE	H.P.	R.P.M.	VOLTS	PHASE	CYCLES	FRAME
*7306	$110.00	1/2	1725	115/230	1	60	420C
*712	98.00	1/2	3450	115	1	60	420C
*7307	110.00	1/2	3450	115/230	1	60	420C
**7308	108.00	1/2	1725	208-220/440	3	60	420M
**732	96.00	1/2	3450	208-220/440	3	60	420M
**7309	108.00	1/2	3450	208-220/440	3	60	420M

*Supplied with three conductor cord and three prong plug.
**Furnished less start and stop switch. Separate 3 pole switch — rated 575 V. 10 Amp. Cat. GA 12 — $13.90.
712 and 732 supplied with pressed steel tool rests.
7306, 7307, 7308 and 7309 supplied with cast iron tool rests.



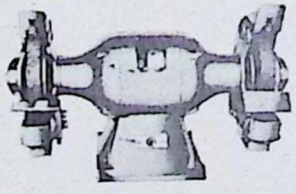
GRINDER — 7" DELUXE

Two Grinding Wheels
7" x 1" x 5/8" - 36 Grit — 7" x 1" x 5/8" - 60 Grit

All units below are 60 Cycles

CAT. NO.	PRICE	H.P.	R.P.M.	VOLTS	PHASE	ATTACHMENT	FRAME	SHP'G. WT.
*7306DP	$155.00	1/2	1725	115/230	1	Yes	420C	80
**7308DP	153.00	1/2	1725	208-220/440	3	Yes	420M	80
*7306D	137.00	1/2	1725	115/230	1	No	420C	75
*7307D	137.00	1/2	3450	115/230	1	No	420C	75
**7308D	135.00	1/2	1725	208-220/440	3	No	420M	75
**7309D	135.00	1/2	3450	208-220/440	3	No	420M	75

*Supplied with three conductor cord and three prong plug.
**Furnished less start and stop switch. Separate 3 pole switch — rated 575 V. 10 Amp. Cat. GA 12 — $13.90.
Supplied with 2 lighted type eyeshields wired through grinder switch on single phase units to turn lights on or off with grinder; Water pot and tool tray that swivel more than 120° to permit operator to position them as desired. Plane blade attachment optional.

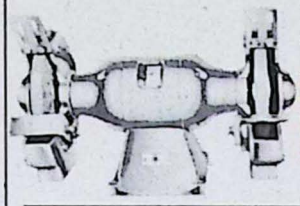


GRINDER — 8"

Two Grinding Wheels
8" x 1" x ¾" - 36 Grit — 8" x 1" x ¾" - 60 Grit
Weight: Net 90 lbs., Shipping 98 lbs.

CAT. NO.	PRICE	H.P.	R.P.M.	VOLTS	PHASE	CYCLES	FRAME
*8100W	$154.00	3/4	1725	115/230	1	60	524C
*8107W	154.00	3/4	3450	115/230	1	60	524C
**8102W	148.00	3/4	1725	208-220/440	3	50/60	524M
**8123W	148.00	3/4	3450	208-220/440	3	50/60	524M
**8104W	148.00	3/4	1725	550	3	50/60	524M
**8125W	154.00	3/4	3450	550	3	50/60	524M

*Supplied with three conductor cord and three prong plug.
**Furnished less start and stop switch. Separate 3 pole switch — rated 575 V. 10 Amp. Cat. GA 12 — $13.90.

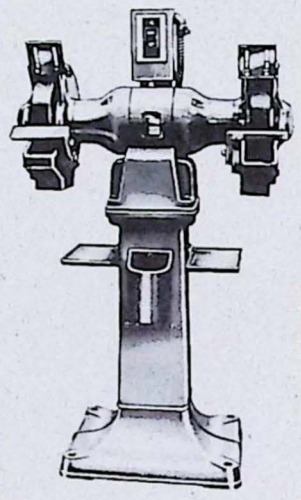


GRINDER — 10"

Two Grinding Wheels
10" x 1" x ¾" - 36 Grit — 10" x 1" x ⅞" - 60 Grit
Weight: Net 135 lbs., Shipping 150 lbs.
1725 R.P.M.

CAT. NO.	PRICE	H.P.	VOLTS	PHASE	CYCLES	FRAME
1022W	$206.00	1	115/230	1	60	528C
*1021W	196.00	1½	208-220/440	3	50/60	528M
* 105W	206.00	1½	550	3	50/60	528M

*Furnished less start and stop switch. Separate 3 pole switch — rated 575 V. 10 Amps. Cat. GA 12 — $13.90.



Prices on 12" and 14" grinders include manual starter but DO NOT include wheels or pedestal.

GRINDER — 12"

1¼" Arbor — accommodates wheels up to 2¼" wide.
Wt. Bench Type: Net 240 lbs., Shipping 260 lbs.

CAT. NO.	PRICE LESS WHEELS	H.P.	VOLTS	FRAME
*1217W	$325.00	2	115/230	6234L
**1215W	298.00	2	208-220/440	6228M
** 128W	298.00	2	550	6228M
**1216W	335.00	3	208-220/440	6228M
** 129W	335.00	3	550	6228M

*1 Phase, 60 Cycle, 1725 R.P.M.
**3 Phase, 50/60 Cycle, 1425/1725 R.P.M.

GRINDER — 14"

1¼" Arbor — accommodates wheels up to 2½" wide.
Wt. Bench Type: Net 275 lbs., Shipping 295 lbs.
3 Phase, 50/60 Cycle, 1425/1725 R.P.M.

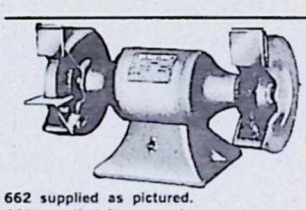
CAT. NO.	PRICE LESS WHEELS	H.P.	VOLTS	FRAME
1400W	$400.00	3	208-220/440	6228M
1402W	400.00	3	550	6228M
1401W	465.00	5	208-220/440	6246M
1403W	465.00	5	550	6246M

Prices on 12" and 14" grinders include manual starter but DO NOT include wheels or pedestal.

WHEELS FOR GRINDERS 12" and 14"

Aluminous oxide, medium grade, vitrified bond.

CAT. NO.	PRICE	DIA.	FACE	BORE	GRIT
B125	$23.50	12"	2"	1¼"	30
B126	23.50	12"	2"	1¼"	46
B145	36.50	14"	2½"	1¼"	30
B146	36.50	14"	2½"	1¼"	46



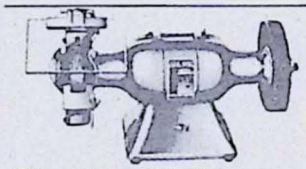
662 supplied as pictured.
660 supplied less guard covers.

GRINDER-BUFFER — BIG SIX

Supplied with one grinding wheel and one wire wheel.
Wheels 6" x ¾" x ½"
1 Phase, 60 Cycle, 115 Volt, 3450 R.P.M.

CAT. NO.	PRICE	H.P.	FRAME	WEIGHT NET	WEIGHT SHP'G.
660	$56.50	1/3	320S	32	34
662	61.50	1/3	320S	35	37

Supplied with three conductor cord and three prong plug.



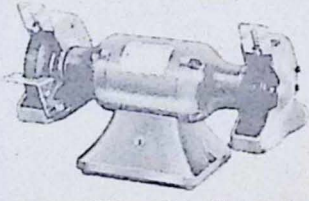
673E supplied as pictured.
670 supplied less guard cover and eye-shield.

GRINDER-BUFFER 6" DELUXE

Grinding Wheel — 6" x ¾" x ½" - 36 Grit
Wire Wheel — 6" x ¾" x ½" - .012 Gauge
Weight: Net 36 lbs., Shipping 40 lbs.

CAT. NO.	PRICE	VOLTS	H.P.	PHASE	CYCLES	R.P.M.
670	$49.00	115	1/3	1	60	3450
*673E	81.50	115	1/3	1	60	3450

Supplied with three conductor cord and three prong plug.
*Exhaust type guard.



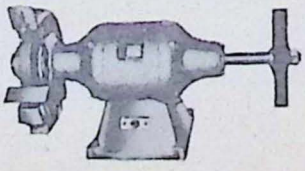
762 and 732 supplied with pressed steel tool rests.
7351 supplied with cast iron tool rests.

GRINDER-BUFFER 7"

Grinding Wheel — 7" x 1" x 5/8" - 36 Grit
Wire Wheel — 7" x 1" x 5/8" - .012 Gauge
Weight: Net 54 lbs., Shipping 59 lbs.
1/2 H.P., 60 Cycle, 3450 R.P.M.

CAT. NO.	PRICE	H.P.	VOLTS	PHASE
*762	$ 98.00	1/2	115	1
*7351	110.00	1/2	115/230	1
**782	96.00	1/2	208-220/440	3

*Supplied with three conductor cord and three prong plug.
**Supplied less start and stop switch.



GRINDER-BUFFER 8"

Grinding Wheel — 8" x 1" x ¾" - 36 Grit
Wire Wheel — 8" x 1" x ¾" - .012 Gauge
Weight: Net 77 lbs., Shipping Wt. 83 lbs.

CAT. NO.	PRICE	H.P.	VOLTS	PH.	CYC.	R.P.M.
*8250W	$149.00	3/4	115/230	1	60	3450
**8252W	146.00	3/4	208-220/440	3	60	3450

*Supplied with three conductor cord and three prong plug.
**Furnished less start and stop switch.

MICHIGAN PNEUMATIC

ADJUSTABLE TROLLEYS

MP STANDARD TYPE BALL BEARING

Michigan Pneumatic Trolleys now have a unique new design. By the simple removal of one cotter pin and nut, and by shifting spacers, your MP trolley can be tailored to fit several different size I-beams. This new flexibility, added to smooth, quick operation and rugged dependability, makes MP the outstanding geared trolley on the market.

Capacity (Tons)	Test Load (Tons)	Adjustment for I Beam (Inches) Flange Width Min.	Flange Width Max.	Vertical Meas. Min.	Vertical Meas. Max.	PRICE
½	¾	3	5	4	12	$22.45
1	1½	3	5	5	12	33.00
1½	2¼	3	5	5	12	43.20
2	3	4	6	6	18	56.90
3	4½	4	6	6	18	65.00
5	7½	5	7	8	18	100.10
10	12½	5	7	10	18	276.50

MICHIGAN PNEUMATIC

ADJUSTABLE GEARED TROLLEYS

MP Geared Trolleys now have a unique new design. By the simple removal of one cotter pin and nut, and by shifting spacers, your MP trolley can be tailored to fit several different size I-beams. This new flexibility, added to smooth, quick operation and rugged dependability, makes MP the outstanding geared trolley on the market.

Sizes: ½ ton, 1 ton, 1½ ton, 2 ton, 3 ton, 5 ton.

Larger Upon Request

Capacity (Tons)	Test Load (Tons)	Adjustment for I Beam (inches) Flange Width Min.	Flange Width Max.	Vertical Meas. Min.	Vertical Meas. Max.	PRICE
½	¾	3	5	4	12	$29.95
1	1½	3	5	5	12	46.05
1½	2¼	3	5	5	12	56.75
2	3	4	6	6	18	66.50
3	4½	4	6	6	18	84.45
5	7½	5	7	8	18	126.15
10	12½	5	7	10	18	347.35

MICHIGAN PNEUMATIC

SPATTER RESISTENT DEEP THROAT –

"C" CLAMPS

The extra-deep throat allows maximum clearance for body builders, welders (weld cannot stick to the copper plated screw and swivel), wood workers, general machine shop workers, etc. These clamps are DROPPED FORGED, and HEAT TREATED, with the thread being a tough Acme, you are assured of long life and husky performance.

No.	Capacity (In.)	Depth (In.)	Length (In.)	Width (In.)	Screw Dia. (In.)	Reg. Price	Price
CC82	2	2	6	3-3/4	1/2	$ 4.52	$2.50
CC83	3	2-3/8	8	4-1/8	1/2	5.62	3.00
CC84	4	2-3/4	10	4-3/4	5/8	7.30	3.65
CC86	6	3-5/8	12	6	5/8	9.40	5.00
CC88	8	4-1/2	14-1/2	7	3/4	11.92	6.50
CC90	10	5-3/8	17-1/4	8-1/2	3/4	14.96	8.95
CC92	12	5-3/4	20	9-3/8	7/8	18.69	12.25

MICHIGAN PNEUMATIC

HEAVY DUTY FORGED "C" CLAMPS

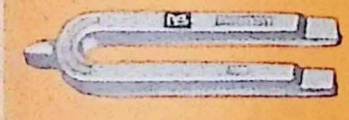
NEW

HEAVIEST CLAMP MADE

Truly an extra heavy duty clamp for the heaviest usage. Drop forged frame heat treated. Tempered steel spindles turned from bar stock. Unconditionally guaranteed against breakage. Natural finish. Bulk packaging.

Number	Inch Capacity	Throat Depth	Spindle Diameter	Minimum Proof Test	Weight Each	Reg. Price	PRICE
CC1H	0-1¼	1-1/8	9/16	5,600 lbs.	1 lb.	$ 4.73	$ 2.70
CC4H	1½-4½	2¾	7/8	20,000 lbs.	10 lbs.	7.85	4.50
CC5H	2½-5½	3-1/8	7/8	23,800 lbs.	13 lbs.	15.65	6.30
CC8H	3½-8½	3-3/4	1-1/8	31,250 lbs.	24 lbs.	20.37	9.00
CC10H	5½-10½	4-1/8	1-1/8	35,000 lbs.	29 lbs.	25.07	14.45
CC12H	8½-12½	4-1/2	1-1/8	40,000 lbs.	40 lbs.	43.79	19.00
CC11H	10½-15½	5-1/2	1-1/8	50,000 lbs.	50 lbs.	59.35	34.25
CC14H	12½-17½	6-1/2	1-1/4	60,000 lbs.	60 lbs.	78.10	45.50

MICHIGAN PNEUMATIC



U CLAMP

FINGER CLAMP

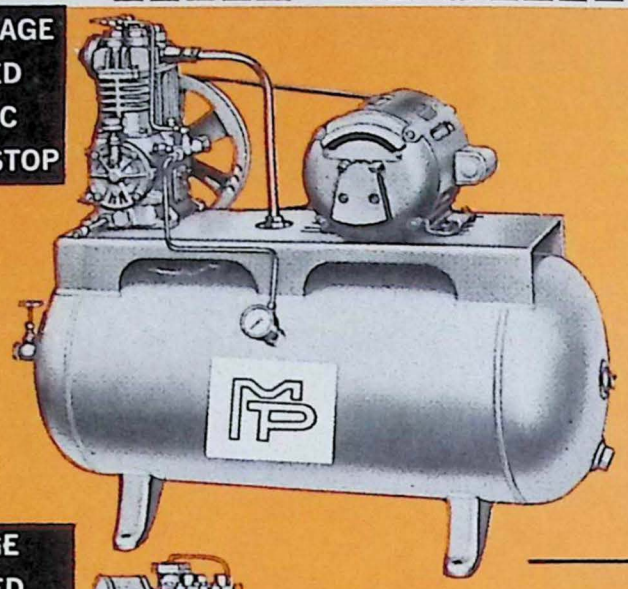
PLAIN CLAMP

GOOSE NECK CLAMP

Order	Overall Diam. Lgt.	Width	Thickness	Slot Dimen. Width	Length	Size of Finger Diam.	Length	Offset	Regular Price Each	OUR PRICE Each
MP "U" SERIES STRAP CLAMPS										
UC-4	4"	1-3/4"	3/4"	11/16"	3-1/2"	9/16"	9/16"	–	$ 1.93	$1.42
UC-6	6"	2"	7/8"	11/16"	5-1/2"	11/16"	11/16"	–	3.20	2.27
UC-8	8"	2-3/8"	1-1/8"	13/16"	7-3/8"	13/16"	13/16"	–	5.46	3.53
UC-10	10"	2-3/4"	1-1/4"	15/16"		15/16"	15/16"	–	8.07	5.09
UC-12	12"	3-1/4"	1-3/8"	1- 1/16"		1- 1/16"	1- 1/16"	–	11.93	7.41
MP FINGER SERIES STRAP CLAMPS										
FC-4	4"	1-3/8"	3/4"	11/16"	1-3/8"	1/2"	1/2"	–	1.93	1.41
FC-6	6"	1-3/4"	7/8"	11/16"	1-15/16"	5/8"	5/8"	–	3.19	2.16
FC-8	8"	2-1/8"	1-1/8"	13/16"	2-9/16"	3/4"	3/4"	–	5.46	3.53
MP PLAIN SERIES STRAP CLAMPS										
PC-4	4"	1-5/8"	3/4"	11/16"	1-3/8"	–	–	–	1.93	1.41
PC-6	6"	1-3/4"	7/8"	11/16"	2-1/16"	–	–	–	3.20	2.27
PC-8	8"	2-1/8"	1-1/8"	13/16"	2-13/15"	–	–	–	5.46	3.53
PC-10	10"	2-1/2"	1-3/8"	15/16"	3-11/16"	–	–	–	9.02	5.76
MP GOOSE NECK SERIES STRAP CLAMPS										
GC-4	4"	1-3/8"	3/4"	11/16"	15/16"	–	–	13/16"	2.13	1.53
GC-6	6"	1-3/4"	7/8"	11/16"	1-11/16"	–	–	15/16"	3.52	2.36
GC-8	8"	2-1/8"	1-1/8"	13/16"	2- 7/16"	–	–	1-1/8"	6.00	3.85

MICHIGAN PNEUMATIC AIR COMPRESSORS

SINGLE STAGE AIR COOLED AUTOMATIC START & STOP

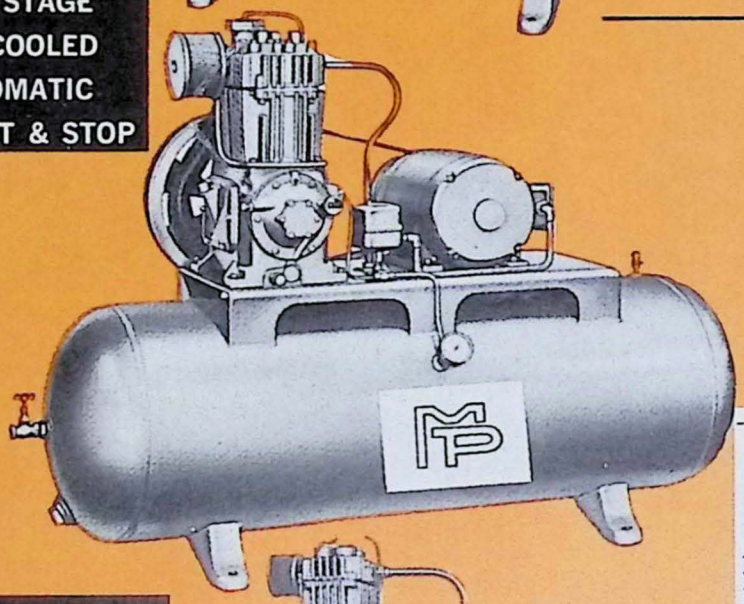


TWO CYLINDER
ELECTRIC MOTOR DRIVEN—Pressure Setting 80-100 PSI

Motor H.P. at 100 PSI	Basic Compressor	Displacement C.F.M.	Free Air C.F.M.	Tank Size Gals.	Single Phase 115-230 V. 60 cycle Model No.	Three Phase 220-440 V. 60 cycle Model No.	Dimensions (approx. inches) L	W	H
½	19106-9	3.1	1.7	30	9116-48	9116-47	42	19	34
¾	19106-9	4.7	2.6	30	9116-28	9116-27	42	19	34
¾	19107-9	4.5	2.6	30	9117-28	9117-27	42	19	34
1	19107-9	6.8	3.9	30	9117-88	9117-87	42	19	34
1	19108-9	5.8	3.9	30	9118-88	9118-87	42	19	34
1½	19108-9	8.4	5.6	30	9118-68	9118-67	42	19	34
1½	9100-9	9.7	6.0	60	9110-68	9110-67	54	21	43
2	9101-9	13.0	7.7	60	9111-48	9111-47	54	21	43
3	9102-9	22.0	13.2	80	9112-28	9112-27	66	22	49
5	9103-9	36.5	21.2	80	9113-88	9113-87	66	22	49
7½	9105-9	56.0	32.4	80	—	9115-47	68	25	55

HORIZONTAL UNITS—ELECTRIC DRIVE										
½	3.1	1.7	30	9116-48	$ 480.75	9116-47	$ 480.75	9116-11	9116-11	$ 415.25	435
¾	4.7	2.6	30	9116-28	525.00	9116-27	525.00	9116-13	9116-13	441.00	445
¾	4.5	2.6	30	9117-28	534.50	9117-27	534.50	9117-11	9117-11	451.25	450
1	6.8	3.9	30	9117-88	595.50	9117-87	579.75	9117-13	9117-13	482.25	342
1	5.8	3.9	30	9118-88	605.50	9118-87	590.00	9118-11	9118-11	491.25	470
1½	8.4	5.6	30	9118-68	678.00	9118-67	639.00	9118-13	9118-13	530.75	330
1½	9.7	6.0	60	9110-68	773.75	9110-67	735.75	9110-11	9110-11	626.75	550
2	13.0	7.7	60	9111-48	863.00	9111-47	786.50	9111-11	9111-13	665.00	520
3	22.0	13.2	80	9112-28	1105.00	9112-27	982.75	9112-11	9112-13	827.50	740
5	36.5	21.2	80	9113-88	1470.00	9113-87	1138.75	9113-13	9113-11	955.00	850
7½	56.0	32.4	80	–	–	9115-47	1768.25	–	9115-11	1471.25	1260

TWO STAGE AIR COOLED AUTOMATIC START & STOP

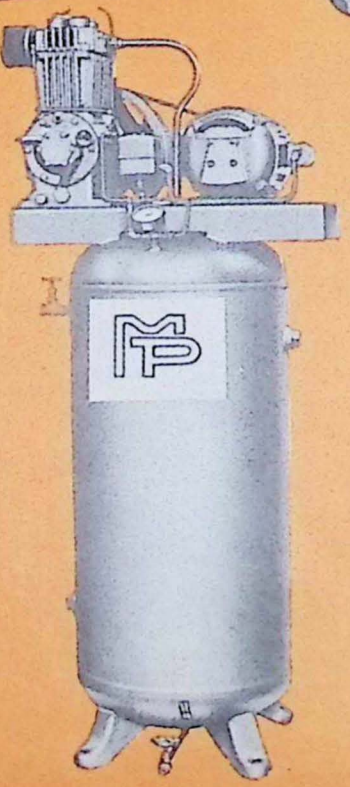


ELECTRIC MOTOR DRIVEN—Pressure Setting 140-175 PSI

Motor H.P. at 175 PSI	Basic Compressor	Displacement C.F.M.	Free Air C.F.M.	Tank Size Gals.	Single Phase 115-230 V. 60 cycle Model No.	Three Phase 220-440 V. 60 cycle Model No.	Dimensions (approx. inches) L	W	H
1	9208-9	3.8	3.3	60	9250-88	9250-87	54	21	39
1½	9208-9	5.8	5.1	60	9251-68	9251-67	54	21	39
1½	9208-9	5.8	5.1	80	9252-68	9252-67	69	27	39
2	9201-9	9.6	6.7	60	9211-48	9211-47	54	21	45
2	9201-9	9.6	6.7	80	9212-48	9212-47	69	27	45
3	9203-9	15.6	12.0	80	9213-28	9213-27	69	27	51
5	9203-9	25.0	19.3	80	9213-88	9213-87	69	27	51
7½	9205-9	34.7	26.4	80	—	9215-47	67	28	54
10	9206-9	50.0	40.0	120	—	9216-27	75	29	58
15	9207-9	78.0	58.5	120	—	9218-87	75	29	58
15	9207-9	78.0	58.5	200	—	9217-87	80	34	68
15	9207-9	84.0	66.4	200	—	9253-87	80	34	64
20	9207-9	90.0	68.4	200	—	9217-67	80	34	68
20	9207-9	107.0	81.3	200	—	9255-67	80	34	64
20	9207-9	109.0	82.8	200	—	9283-67	80	34	64
25	9209-9	123.0	93.5	200	—	9285-47	80	34	64

HORIZONTAL UNITS—ELECTRIC DRIVE										
1	3.8	3.3	60	9250-88	$ 718.25	9250-87	$ 700.00	9250-11	9250-11	$ 605.00	465
1½	5.8	5.1	60	9251-68	769.25	9251-67	730.50	9251-11	9251-11	621.50	485
1½	5.8	5.1	80	9252-68	832.75	9252-67	794.25	9252-11	9252-11	685.25	540
2	9.6	6.7	60	9211-48	913.50	9211-47	836.75	9211-15	9211-15	715.00	570
2	9.6	6.7	80	9212-48	976.75	9212-47	900.50	9212-13	9212-13	779.00	640
3	15.6	12.0	80	9213-28	1145.75	9213-27	1024.50	9213-15	9213-11	868.50	750
5	25.0	19.3	80	9213-88	1491.50	9213-87	1160.25	9213-17	9213-13	976.00	700
7½	34.7	26.4	80	–	–	9215-47	1898.50	–	9215-11	1602.00	1200
10	50.0	40.0	120	–	–	9216-27	2234.50	–	9216-11	1853.50	1540
15	78.0	58.5	120	–	–	9218-87	2902.25	–	9218-13	2449.75	2120
15	78.0	58.5	200	–	–	9217-87	3150.75	–	9217-13	2698.00	2320
15	84.0	66.4	200	–	–	9253-87	3318.00	–	9253-13	2865.50	2550
20	90.0	68.4	200	–	–	9217-67	3366.75	–	9217-15	2843.50	2420
20	107.0	81.3	200	–	–	9255-67	3578.25	–	9255-15	3053.50	2600
20	109.0	82.8	200	–	–	9283-67	3814.75	–	9283-15	3291.75	2625
25	123.0	93.5	200	–	–	9285-47	4015.75	–	9285-15	3422.00	2715

VERTICAL TANK MOUNTED



ELECTRIC MOTOR DRIVEN—Pressure Setting 140-175 PSI

Motor H.P. at 175 PSI	Basic Compressor	Displacement C.F.M.	Free Air C.F.M.	Tank Size Gals.	Single Phase 115-230 V. 60 cycle Model No.	Three Phase 220-440 V. 60 cycle Model No.	Dimensions (approx. inches) L	W	H
1	9208-9	3.8	3.3	60	9280-88	9280-87	34	21	64
1½	9208-9	5.8	5.1	60	9281-68	9281-67	34	21	64
1½	9208-9	5.8	5.1	80	9282-68	9282-67	34	25	64
2	9201-9	9.6	6.7	60	9241-48	9241-47	34	21	70
2	9201-9	9.6	6.7	80	9242-48	9242-47	34	25	70
3	9203-9	15.6	12.0	80	9243-28	9243-27	34	25	74
5	9203-9	25.0	19.3	80	9243-88	9243-87	34	25	74
20	9207-9	90.0	68.4	120		9247-67	48	27½	37

*Separate 120 gallon vertical tank

VERTICAL UNITS—ELECTRIC DRIVE										
1	3.8	3.3	60	9280-88	$ 718.25	9280-87	$ 700.00	9280-11	9280-11	$ 605.00	465
1½	5.8	5.1	60	9281-68	769.25	9281-67	730.50	9281-11	9281-11	621.50	485
1½	5.8	5.1	80	9282-68	832.75	9282-67	794.25	9282-11	9282-11	685.11	540
2	9.6	6.7	60	9241-48	913.50	9241-47	836.75	9241-13	9241-15	715.00	570
2	9.6	6.7	80	9242-48	976.75	9242-47	900.47	9242-13	9242-15	779.00	640
3	15.6	12.0	80	9243-28	1145.75	9243-27	1024.50	9243-11	9243-11	868.50	770
5	25.0	19.3	80	9243-88	1491.50	9243-87	1160.25	9243-15	9243-17	976.00	830
20	90.0	68.4	120	–	–	9247-67	3118.50	–	9247-15	2771.15	1600

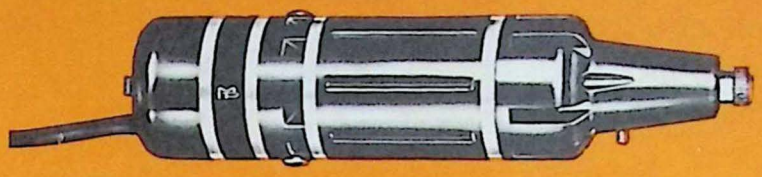
Electric Grinders

MICHIGAN PNEUMATIC **MODEL B6000**

ELECTRIC GRINDER

110 VOLT HI-TORQUE HANDEE

Hi-Torque Handee is loaded with extra power . . . has more speed . . . more built-in stamina . . . longer life. Chicago Wheel has been manufacturing Handee Power Tools for over 20 years. Now the Hi-Torque, Handee with its all-new design and construction completely surpasses any other tool comparable in size on the market!



WEIGHT	14 Oz.	RPM	25,000
LENGTH	6 In.	COLLET	3/32, 1/8 In.

$28.50

MICHIGAN PNEUMATIC **MODEL 6010**

GRINDER KIT

110 VOLT HI-TORQUE HANDEE

This kit includes the Model 6000 Handee Grinder, with 45 all-purpose accessories and steel case. Accessories include: steel cutters (for non-ferrous metals, wood, plastics), cleaning brushes, abrasive mounted wheels (for hardened steel, non-ferrous metals, glass, ceramics), drills buffing and polishing wheels, drum sander, cut-off discs, dressing stone, polishing compound.

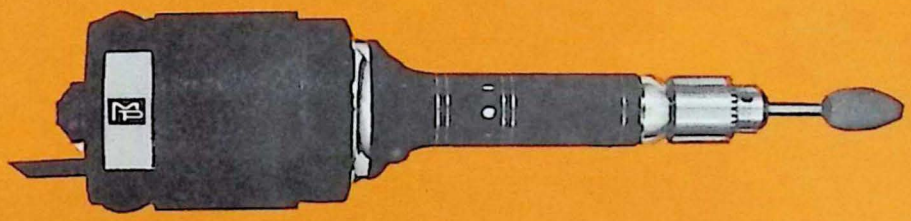
$39.50

MICHIGAN PNEUMATIC **MODEL 3500**

ELECTRIC GRINDER

110 VOLT HI-TORQUE HANDEE

For your heavy duty jobs the first and only grinder designed with a cartridge spindle . . . patented . . . assures smooth cool vibration-free operation. Gives a silk-like "Touch" to your work.
Hi-Power Handee equipped with Jacobs Chuck. 3 general purpose mounted wheels. Dressing stone. Chuck key.



WEIGHT	6½ lbs	CAPACITY	¼ In.
RPM	18,000	H.P.	1/8

$69.50

MICHIGAN PNEUMATIC **MODEL R-110**

RIGHT ANGLE GRINDER

A compact 110 volt right angle disc grinder for high speed grinding. Smaller in size and lighter in weight than most other grinders yet powerful enough to do any grinding work.

WEIGHT	4½ lbs.	RPM	13,000
LENGTH	9 in.	CAP.	4" wheel

$59.95

OTHER MANUFACTURER'S LIST PRICE $79.95

MICHIGAN PNEUMATIC **MODEL AG-20**

The tool of choice for use with pressure sensitive discs, cartridge rolls, mounted points, and rotary files. Castings are of brushed aluminum, highly polished and anodized to withstand hard use.

WEIGHT	15 oz.	RPM	20000
LENGTH	4-3/8"	CAPACITY	1/4"-1/64"

$99.00

Michigan Pneumatic Tool Inc,
10650 Cloverdale
Detroit, Michigan 48204

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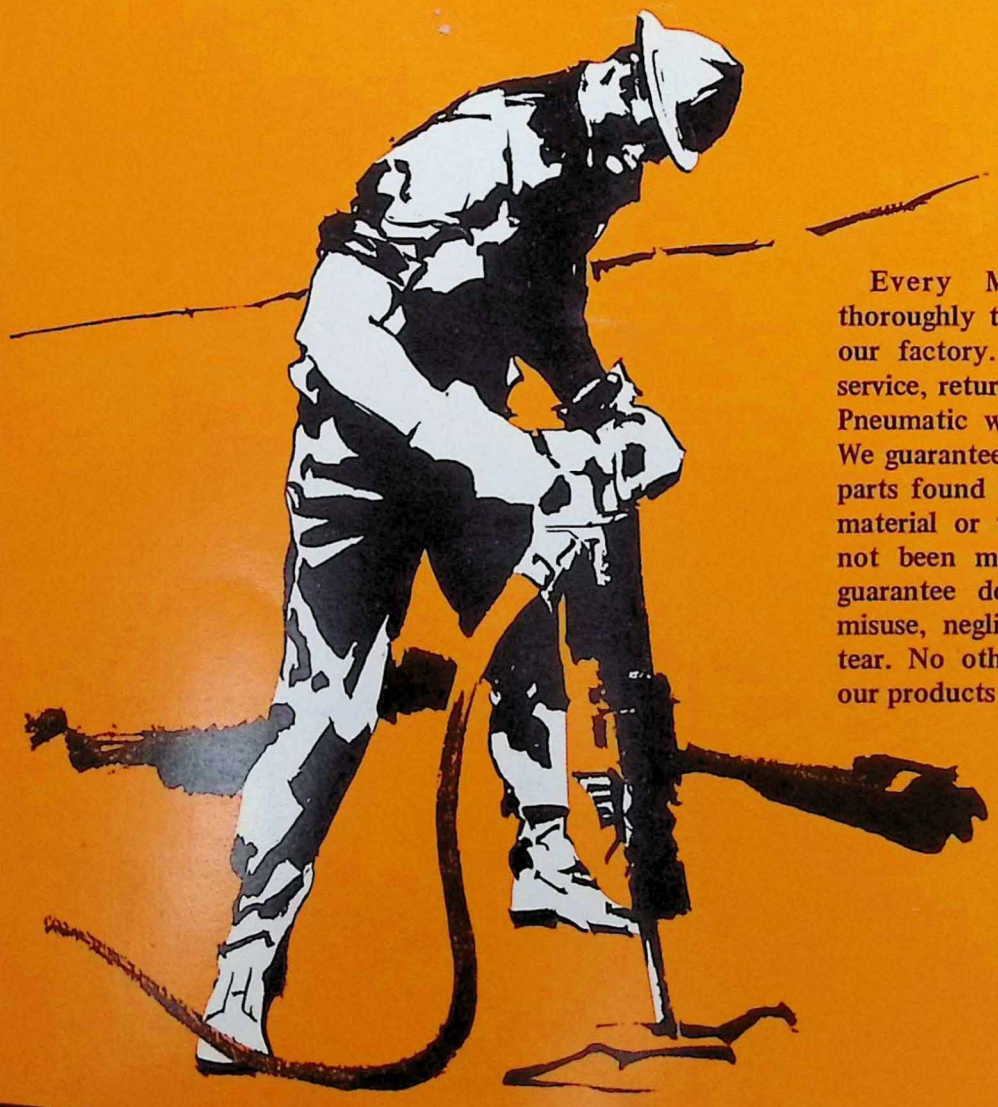

GUARANTEE

Every Michigan Pneumatic product is thoroughly tested and inspected before it leaves our factory. Should it fail to give satisfactory service, return the complete product to Michigan Pneumatic with transportation charges pre-paid. We guarantee to replace free of charge any part or parts found by us to be defective due to faulty material or workmanship, provided repairs have not been made or attempted by others. This guarantee does not cover damages caused by misuse, negligent handling, or normal wear and tear. No other guarantee, written or verbal, on our products is authorized by us.

MICHIGAN
PNEUMATIC TOOL, INC.

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